

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121024\
 Data File : BF140799.D
 Acq On : 10 Dec 2024 11:55
 Operator : RC/JU
 Sample : P5174-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ROLL-OFF-COMP

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF140799.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.093	501	510	524	rVB2	20236	41771	2.34%	0.147%
2	5.457	565	572	574	rBV	16180	22176	1.24%	0.078%
3	5.498	574	579	597	rVB	1163954	1615900	90.34%	5.706%
4	6.016	659	667	671	rBV5	11188	20167	1.13%	0.071%
5	6.104	677	682	689	rBV4	34207	66420	3.71%	0.235%
6	6.292	709	714	718	rBV2	18505	31545	1.76%	0.111%
7	6.351	718	724	727	rVV3	22283	39704	2.22%	0.140%
8	6.392	727	731	737	rVV3	34743	55235	3.09%	0.195%
9	6.504	745	750	762	rBV	1188329	1686771	94.30%	5.956%
10	6.598	762	766	770	rBV4	15184	26786	1.50%	0.095%
11	6.692	778	782	789	rBV3	57383	89664	5.01%	0.317%
12	6.822	793	804	806	rVV7	23078	59927	3.35%	0.212%
13	6.863	806	811	816	rVV	393769	511957	28.62%	1.808%
14	6.916	816	820	823	rVV2	28479	50989	2.85%	0.180%
15	6.969	826	829	831	rVV2	31549	46868	2.62%	0.165%
16	6.998	831	834	838	rVV3	53827	86575	4.84%	0.306%
17	7.034	838	840	845	rVB4	19950	26639	1.49%	0.094%
18	7.128	850	856	859	rBV4	67357	98345	5.50%	0.347%
19	7.181	859	865	871	rVB3	29404	75574	4.23%	0.267%
20	7.251	871	877	880	rBV3	50514	87853	4.91%	0.310%
21	7.281	880	882	887	rVB4	24890	31189	1.74%	0.110%
22	7.328	887	890	894	rBV5	10666	20486	1.15%	0.072%
23	7.392	895	901	903	rBV3	86969	145913	8.16%	0.515%
24	7.428	903	907	914	rVB	866896	1212771	67.80%	4.282%
25	7.498	914	919	923	rVB5	65621	96452	5.39%	0.341%
26	7.557	923	929	933	rBV4	45037	98557	5.51%	0.348%
27	7.604	934	937	938	rBV3	19644	20736	1.16%	0.073%
28	7.634	938	942	944	rBV3	53660	62214	3.48%	0.220%
29	7.663	944	947	955	rVB6	65901	131349	7.34%	0.464%
30	7.739	955	960	964	rBV4	55230	126366	7.06%	0.446%
31	7.781	964	967	971	rVV4	42590	50653	2.83%	0.179%
32	7.881	981	984	993	rVB6	87631	139480	7.80%	0.493%
33	7.957	993	997	1002	rBV5	49516	73095	4.09%	0.258%
34	8.010	1002	1006	1009	rBV2	62890	74256	4.15%	0.262%
35	8.145	1015	1029	1034	rBV	438548	1059019	59.21%	3.739%
36	8.192	1034	1037	1040	rVV2	224149	277499	15.51%	0.980%

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Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	8.228	1040	1043	1050	rVB5	82180	122001	6.82%	0.431%
38	8.292	1050	1054	1056	rBV3	44277	67380	3.77%	0.238%
39	8.339	1059	1062	1065	rVB2	74739	86537	4.84%	0.306%
40	8.428	1073	1077	1082	rVB4	119958	185462	10.37%	0.655%
41	8.522	1090	1093	1095	rBV3	70143	78847	4.41%	0.278%
42	8.557	1095	1099	1102	rBV	165889	212323	11.87%	0.750%
43	8.645	1110	1114	1117	rBV2	114406	154327	8.63%	0.545%
44	8.728	1124	1128	1132	rBV3	136853	183467	10.26%	0.648%
45	8.857	1147	1150	1153	rVB	55675	48270	2.70%	0.170%
46	8.963	1165	1168	1174	rVB4	131344	179574	10.04%	0.634%
47	9.086	1186	1189	1194	rBV5	74700	122863	6.87%	0.434%
48	9.157	1197	1201	1206	rVV3	270415	372488	20.83%	1.315%
49	9.216	1206	1211	1216	rVB	1417920	1788638	100.00%	6.316%
50	9.292	1220	1224	1228	rBV2	275496	393301	21.99%	1.389%
51	9.481	1252	1256	1261	rBV2	236867	374692	20.95%	1.323%
52	9.557	1265	1269	1272	rVV	271848	461621	25.81%	1.630%
53	9.610	1274	1278	1282	rVV3	460260	767795	42.93%	2.711%
54	9.675	1286	1289	1298	rVB5	169671	378479	21.16%	1.336%
55	9.757	1300	1303	1307	rBV3	168825	230044	12.86%	0.812%
56	9.810	1308	1312	1318	rVB5	134741	262515	14.68%	0.927%
57	9.898	1323	1327	1331	rVB	311232	388907	21.74%	1.373%
58	10.004	1341	1345	1349	rBV	196722	286087	15.99%	1.010%
59	10.098	1358	1361	1365	rVB2	206450	277664	15.52%	0.980%
60	10.145	1365	1369	1377	rVB3	278205	490638	27.43%	1.732%
61	10.216	1377	1381	1384	rBV	219095	331068	18.51%	1.169%
62	10.245	1384	1386	1392	rVB3	146267	215373	12.04%	0.760%
63	10.316	1392	1398	1402	rBV4	200796	454792	25.43%	1.606%
64	10.539	1432	1436	1442	rVB2	295805	503251	28.14%	1.777%
65	10.692	1458	1462	1472	rVB2	710967	1040788	58.19%	3.675%
66	10.804	1476	1481	1488	rVB2	553384	911639	50.97%	3.219%
67	11.245	1552	1556	1557	rBV3	87183	118765	6.64%	0.419%
68	11.269	1557	1560	1568	rVB2	277956	473495	26.47%	1.672%
69	11.392	1576	1581	1583	rBV	350195	509791	28.50%	1.800%
70	11.416	1583	1585	1591	rVB	353257	395155	22.09%	1.395%
71	11.622	1617	1620	1625	rBV3	94877	135316	7.57%	0.478%
72	11.922	1668	1671	1676	rVB2	154482	214923	12.02%	0.759%
73	12.004	1682	1685	1694	rVB3	131545	264331	14.78%	0.933%
74	12.445	1756	1760	1763	rBV	103032	159233	8.90%	0.562%
75	12.610	1783	1788	1793	rVB	662600	814346	45.53%	2.875%
76	12.839	1821	1827	1833	rBV	599394	879526	49.17%	3.106%

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Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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Peak separation: 5

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	12.892	1833	1836	1840	rVB	59900	75341	4.21%	0.266%
78	12.974	1845	1850	1859	rVB	1049913	1383184	77.33%	4.884%
79	13.233	1891	1894	1897	rBV	43437	51192	2.86%	0.181%
80	13.792	1986	1989	1991	rBV	40310	51920	2.90%	0.183%
81	13.851	1996	1999	2003	rVV3	39550	68148	3.81%	0.241%
82	14.039	2025	2031	2034	rBV2	538712	933259	52.18%	3.295%
83	15.104	2207	2212	2223	rVB	301858	695527	38.89%	2.456%
84	15.415	2261	2265	2270	rVB	143271	215491	12.05%	0.761%
85	15.480	2271	2276	2281	rBV	223071	342322	19.14%	1.209%
86	15.539	2281	2286	2291	rBV	257725	435311	24.34%	1.537%
87	17.057	2538	2544	2554	rVB	81920	191314	10.70%	0.676%
88	17.515	2617	2622	2634	rVB	73887	180994	10.12%	0.639%

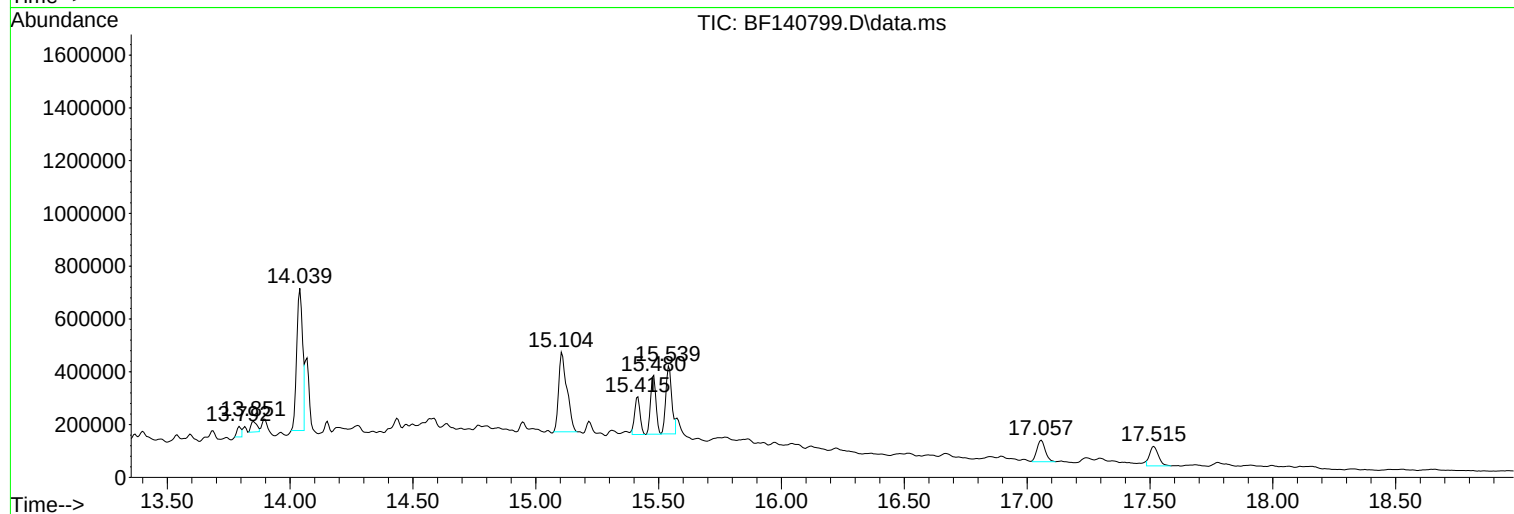
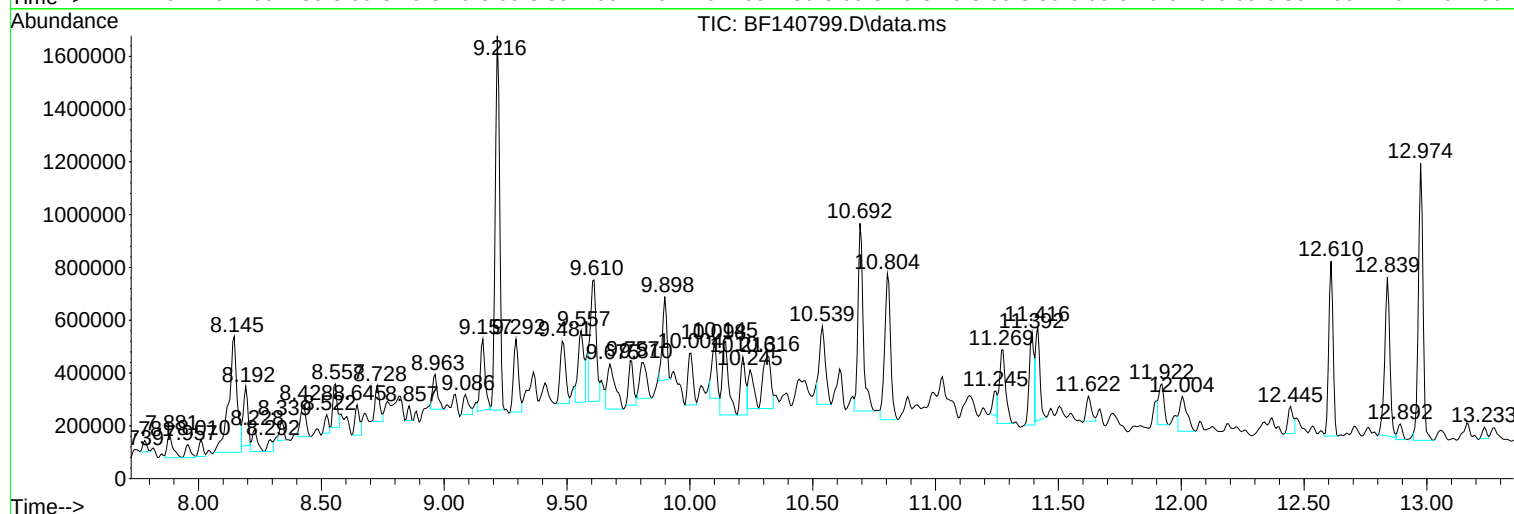
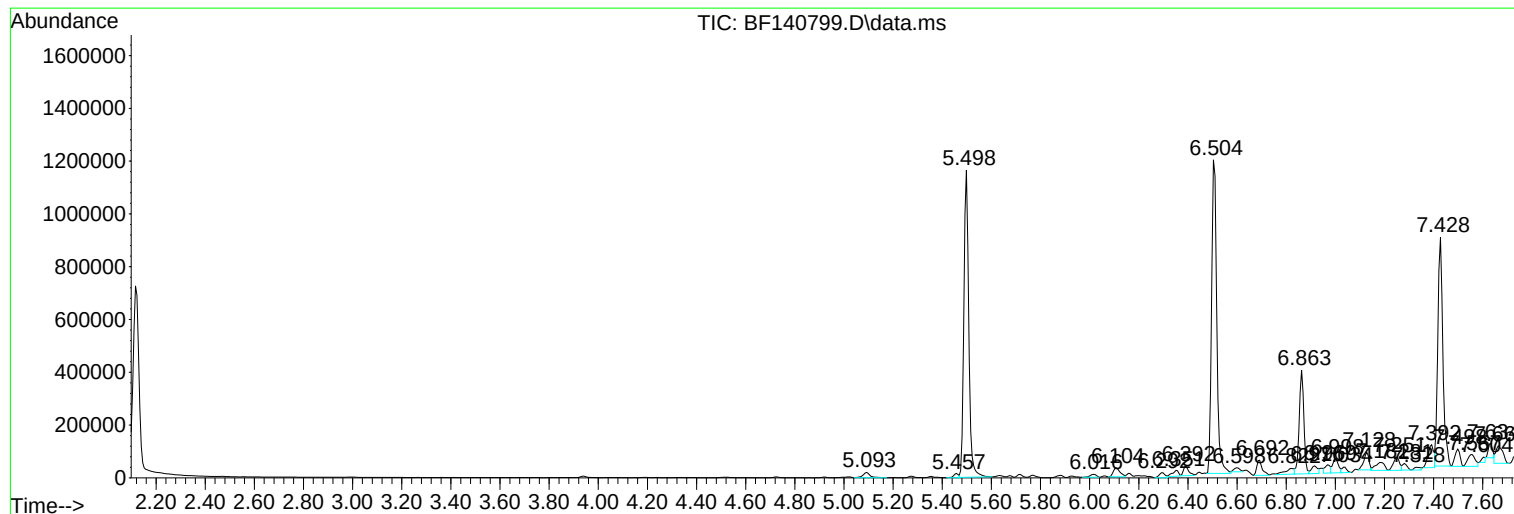
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Misc :
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Instrument :
BNA_F
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ROLL-OFF-COMP

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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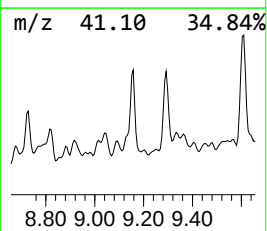
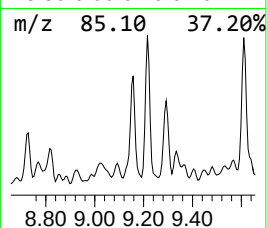
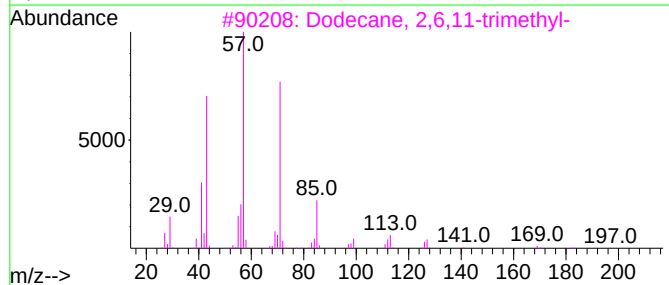
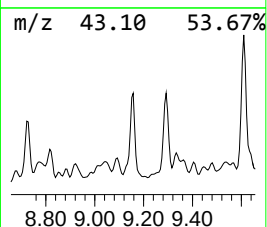
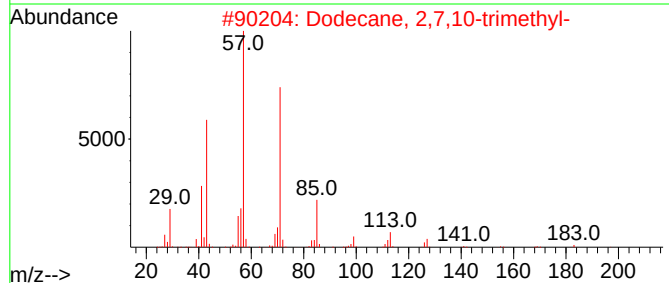
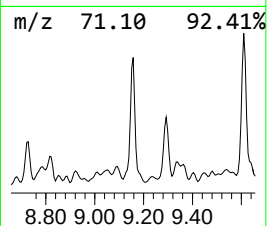
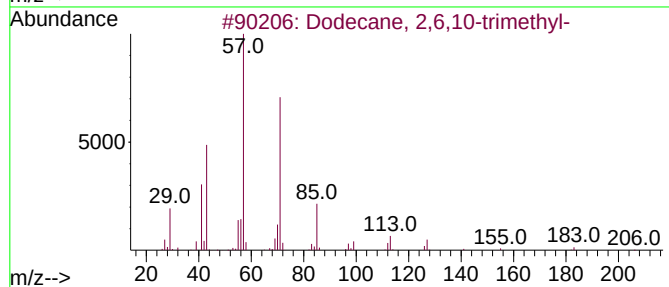
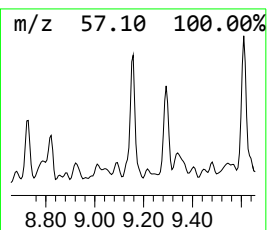
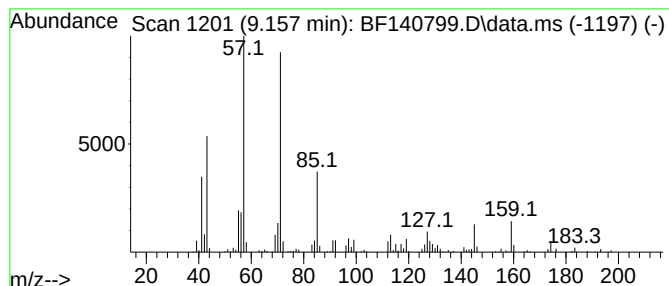
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Dodecane, 2,6,10-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.157	19.16 ng	372488	Acenaphthene-d10	9.898

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	72
2			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	64
3			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	59
4			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	52
5			Sulfurous acid, dodecyl 2-pentyl...	320	C17H36O3S	1000309-16-1	43



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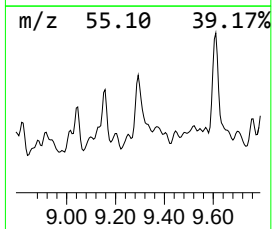
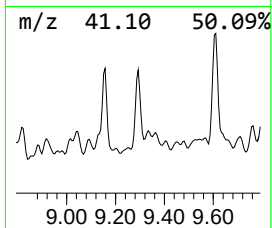
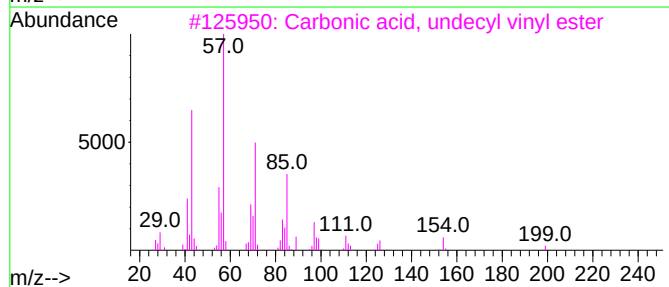
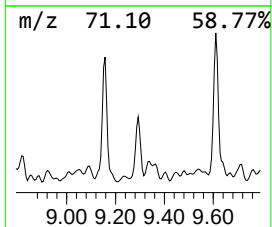
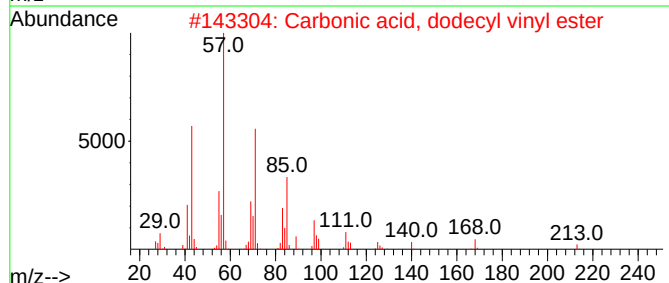
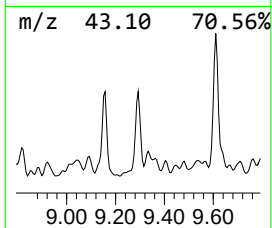
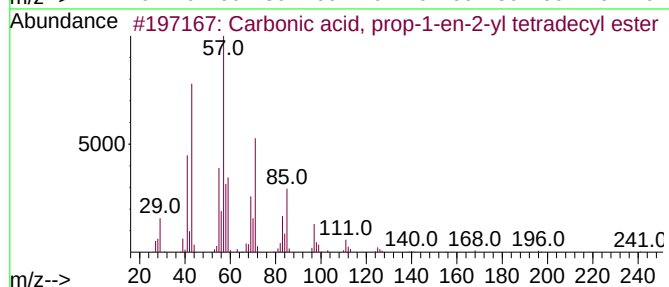
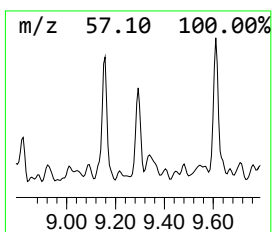
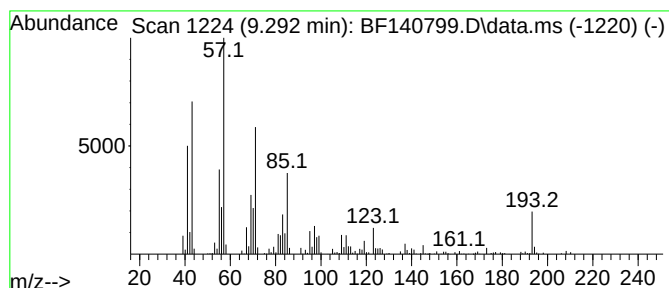
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Carbonic acid, prop-1-en-2-... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.292	20.23 ng	393301	Acenaphthene-d10	9.898

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Carbonic acid, prop-1-en-2-yl te...	298	C18H34O3	1000382-90-9	76
2			Carbonic acid, dodecyl vinyl ester	256	C15H28O3	1000382-54-8	68
3			Carbonic acid, undecyl vinyl ester	242	C14H26O3	1000382-54-9	68
4			Carbonic acid, dodecyl prop-1-en...	270	C16H30O3	1000382-90-7	64
5			1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	58



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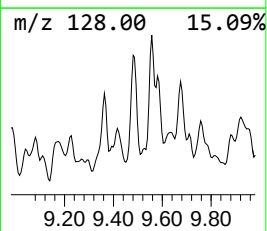
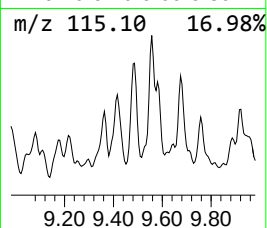
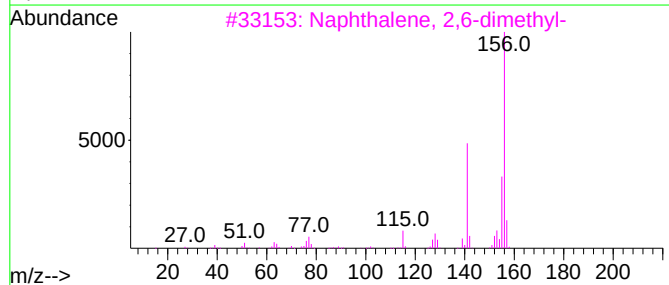
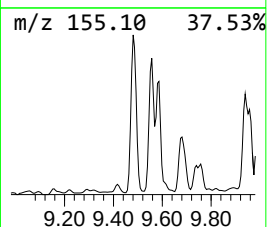
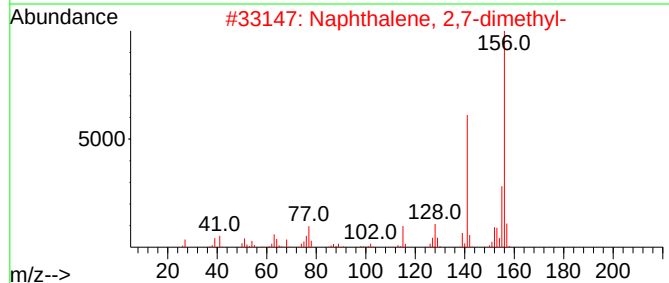
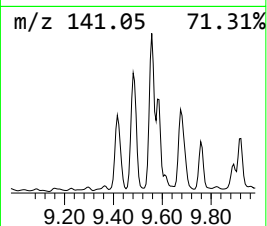
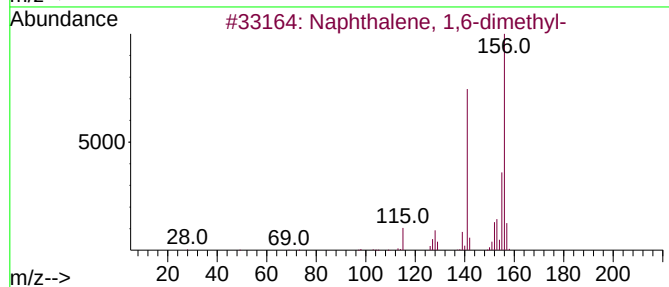
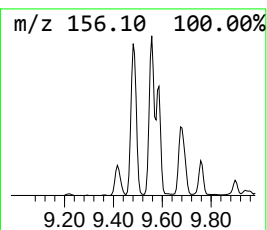
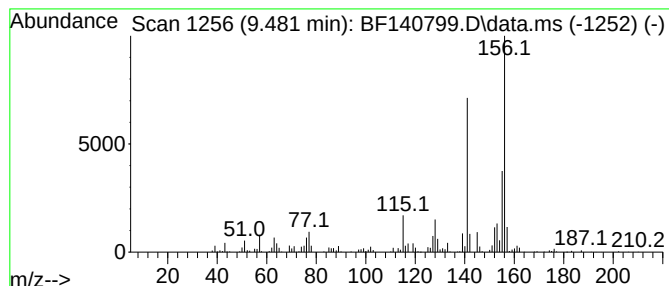
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Naphthalene, 1,6-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.481	19.27 ng	374692	Acenaphthene-d10	9.898

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
2			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
3			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
4			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
5			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96



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ClientSampleId :
ROLL-OFF-COMP

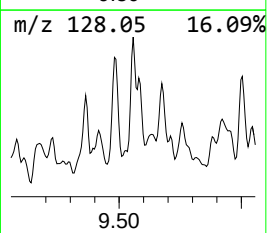
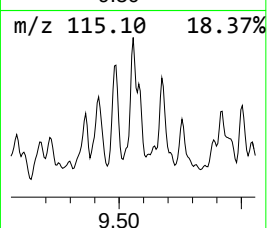
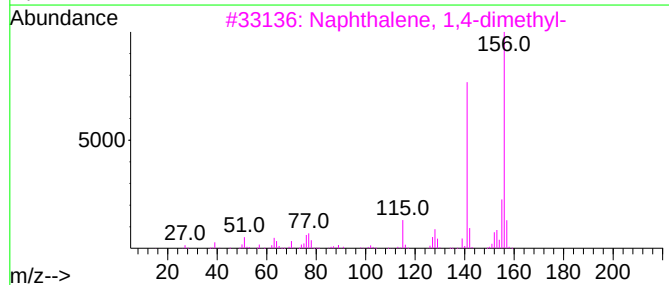
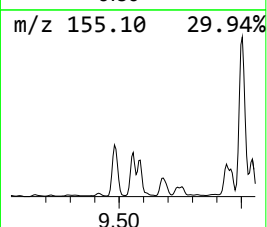
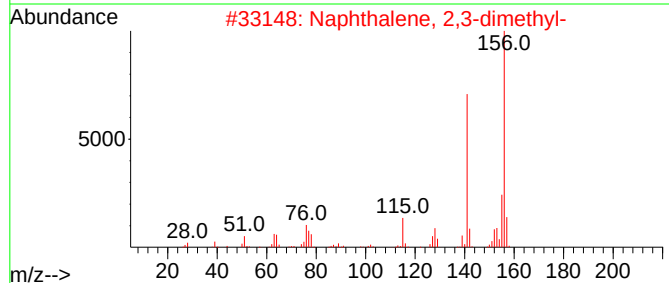
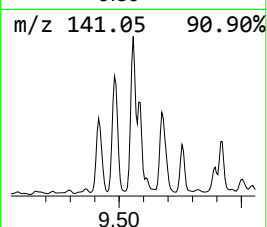
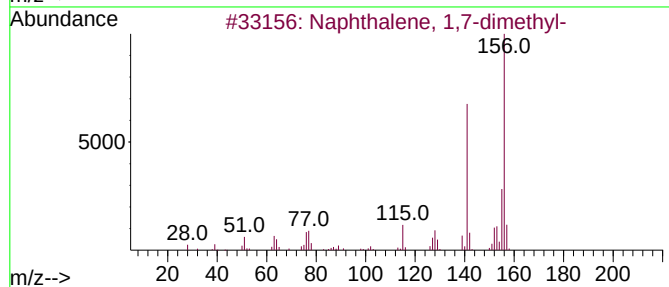
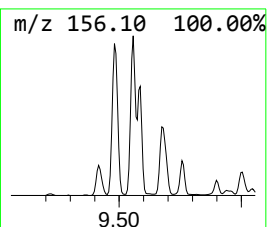
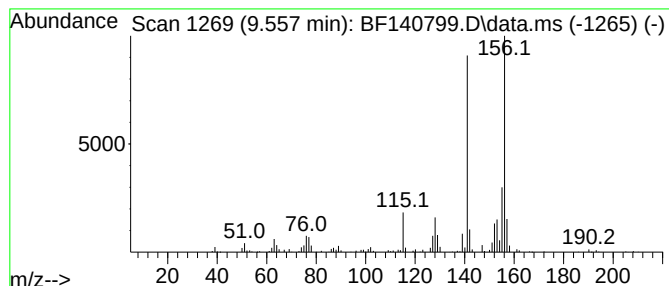
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Naphthalene, 1,7-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.557	23.74 ng	461621	Acenaphthene-d10	9.898

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
2			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
4			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
5			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121024\
Data File : BF140799.D
Acq On : 10 Dec 2024 11:55
Operator : RC/JU
Sample : P5174-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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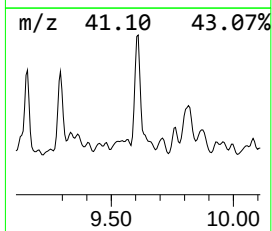
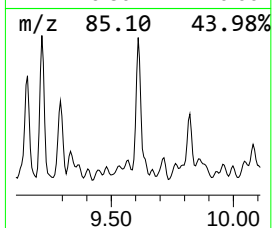
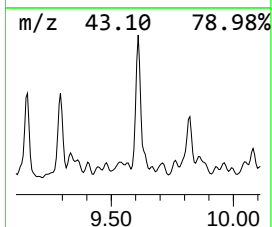
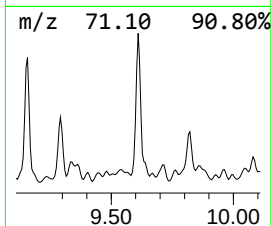
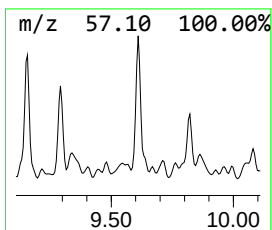
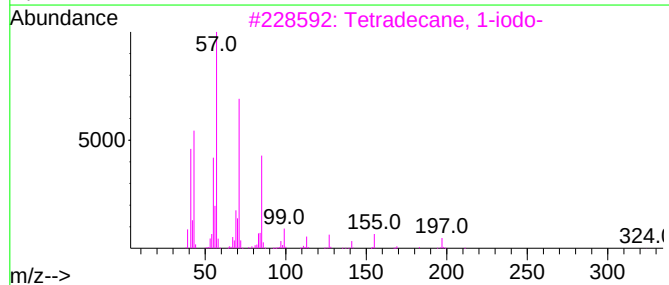
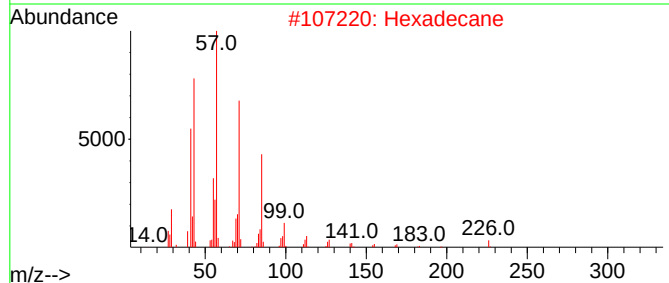
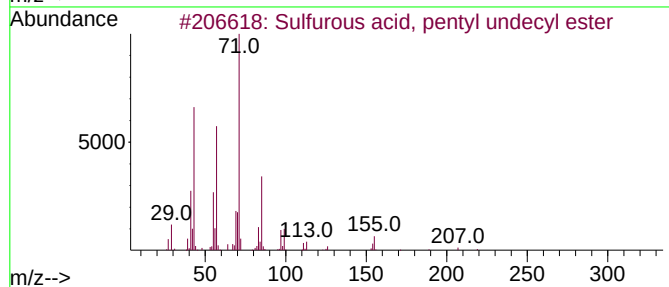
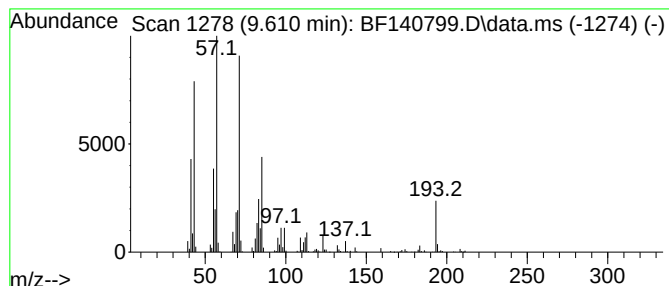
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Sulfurous acid, pentyl unde... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.610	39.48 ng	767795	Acenaphthene-d10	9.898

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfurous acid, pentyl undecyl e...	306	C16H34O3S	1000309-14-4	64
2			Hexadecane	226	C16H34	000544-76-3	59
3			Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	59
4			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	58
5			Sulfurous acid, dodecyl pentyl e...	320	C17H36O3S	1000309-14-5	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121024\
Data File : BF140799.D
Acq On : 10 Dec 2024 11:55
Operator : RC/JU
Sample : P5174-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-COMP

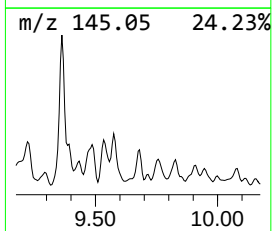
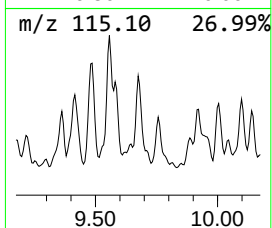
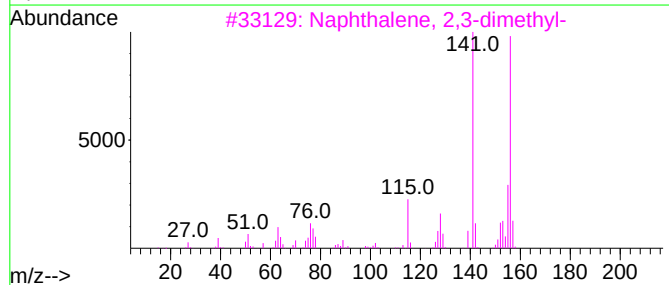
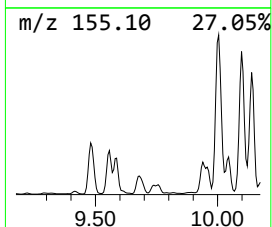
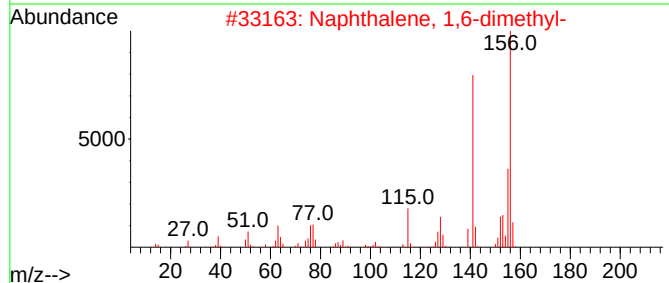
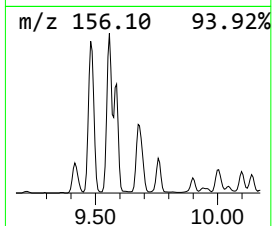
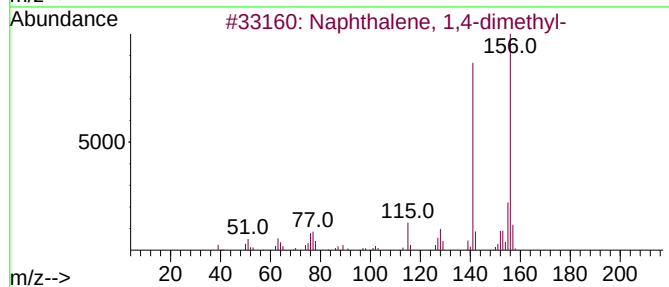
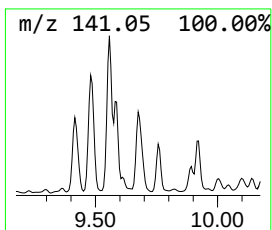
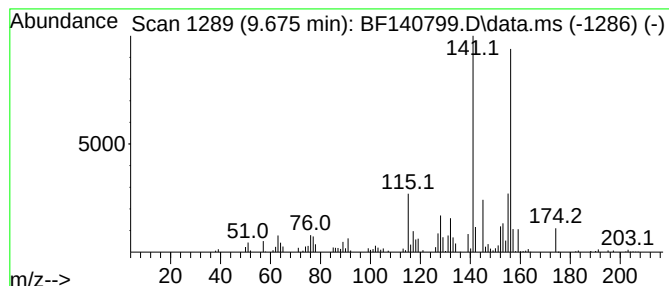
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Naphthalene, 1,4-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.675	19.46 ng	378479	Acenaphthene-d10	9.898

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
2			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
3			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
4			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	95
5			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121024\
Data File : BF140799.D
Acq On : 10 Dec 2024 11:55
Operator : RC/JU
Sample : P5174-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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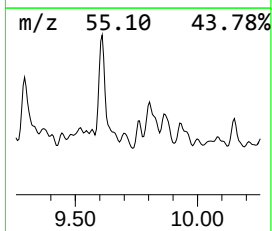
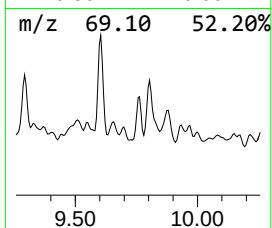
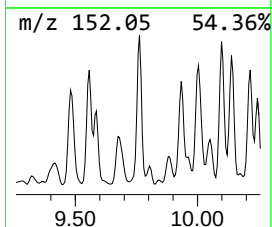
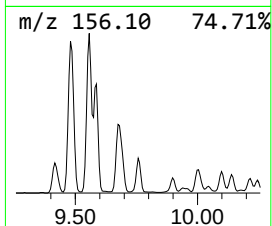
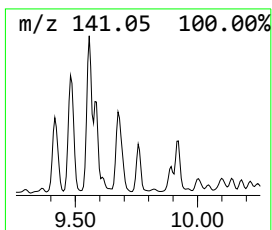
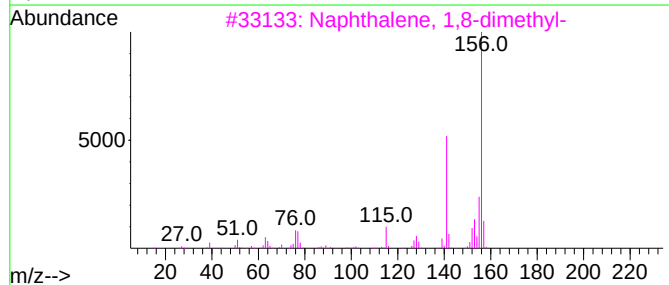
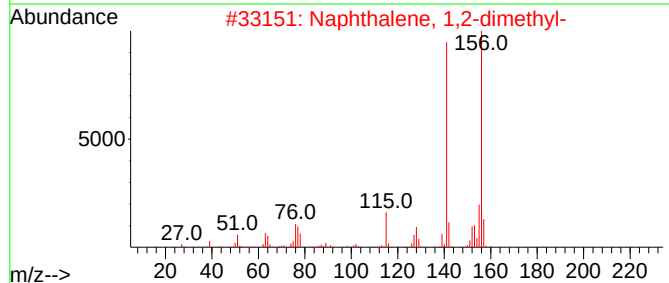
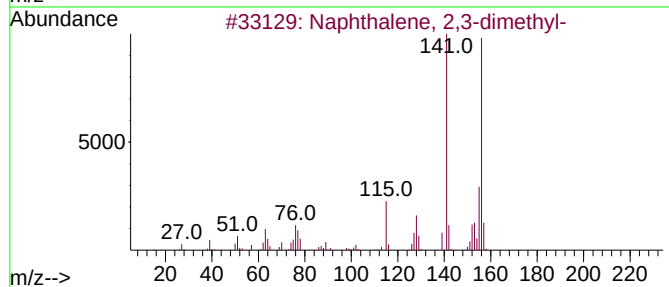
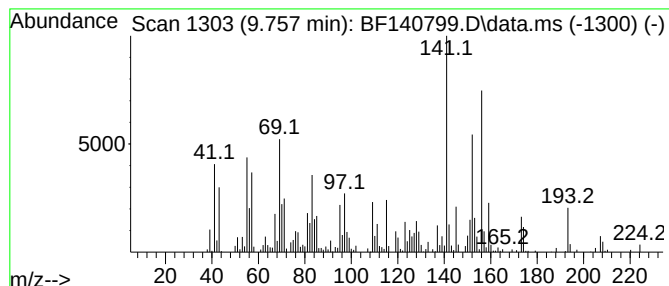
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Naphthalene, 2,3-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.757	11.83 ng	230044	Acenaphthene-d10	9.898

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	90
2			Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	89
3			Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	87
4			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	87
5			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121024\
Data File : BF140799.D
Acq On : 10 Dec 2024 11:55
Operator : RC/JU
Sample : P5174-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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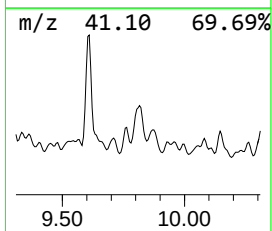
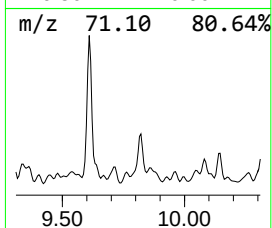
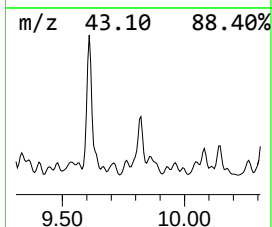
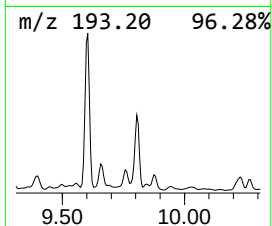
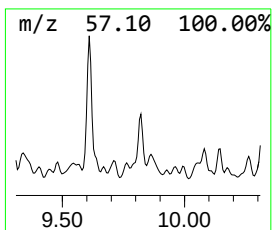
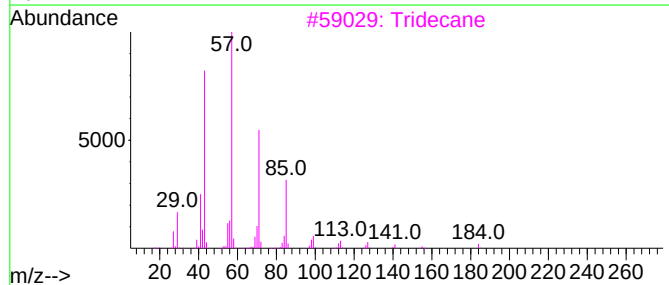
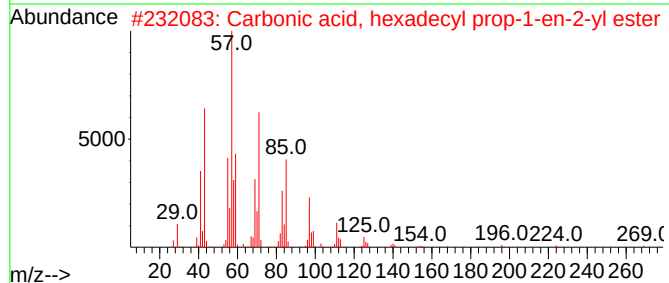
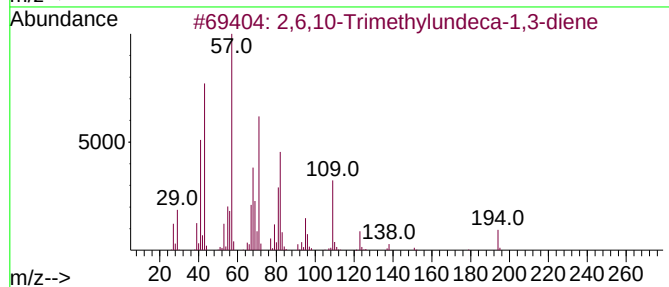
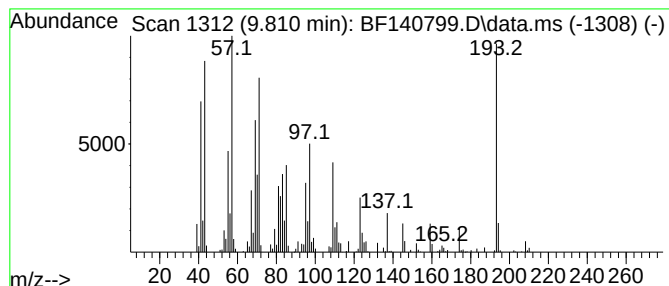
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 unknown9.810 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.810	13.50 ng	262515	Acenaphthene-d10	9.898

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6,10-Trimethylundeca-1,3-diene	194	C14H26	1000222-09-1	38		
2	Carbonic acid, hexadecyl prop-1-...	326	C20H38O3	1000382-90-3	27		
3	Tridecane	184	C13H28	000629-50-5	22		
4	Sulfurous acid, nonyl 2-propyl e...	250	C12H26O3S	1000309-12-0	22		
5	Sulfurous acid, butyl nonyl ester	264	C13H28O3S	1000309-17-6	22		



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121024\
Data File : BF140799.D
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Sample : P5174-01
Misc :
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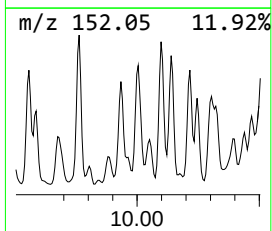
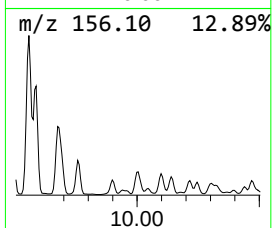
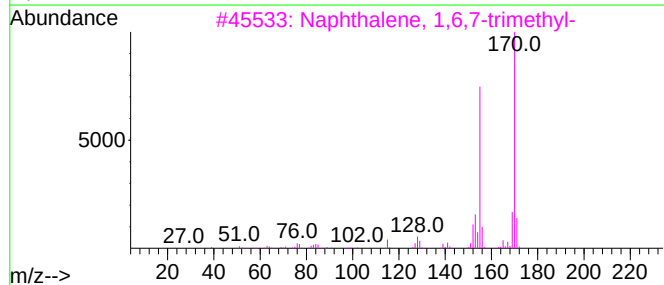
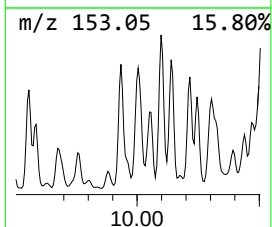
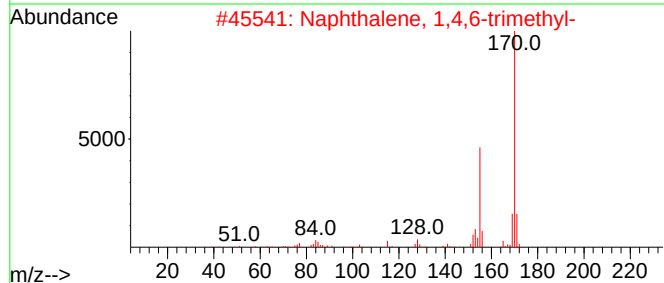
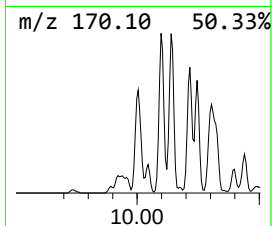
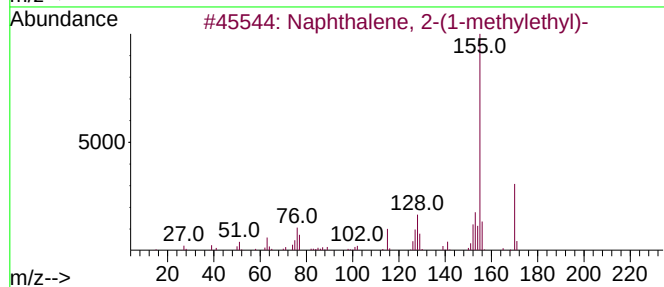
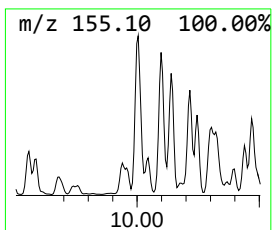
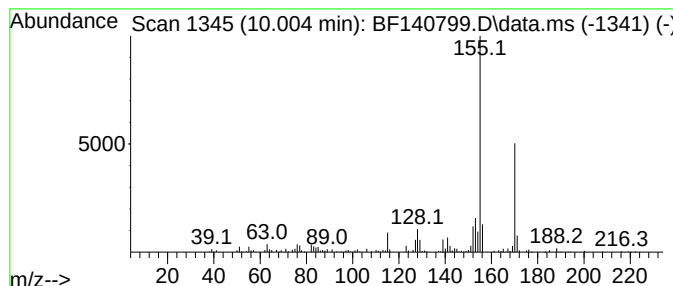
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Naphthalene, 2-(1-methyleth... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.004	14.71 ng	286087	Acenaphthene-d10	9.898	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	94
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	94
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94
4	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	94
5	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121024\
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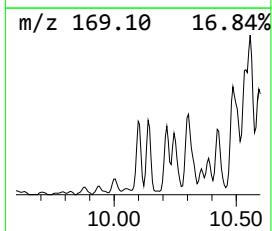
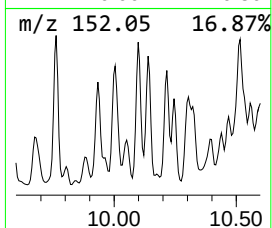
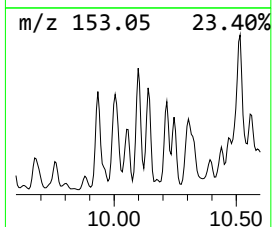
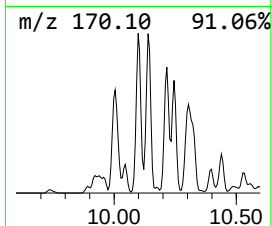
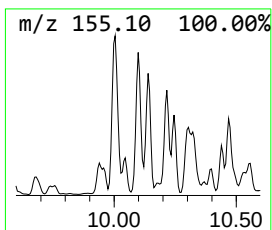
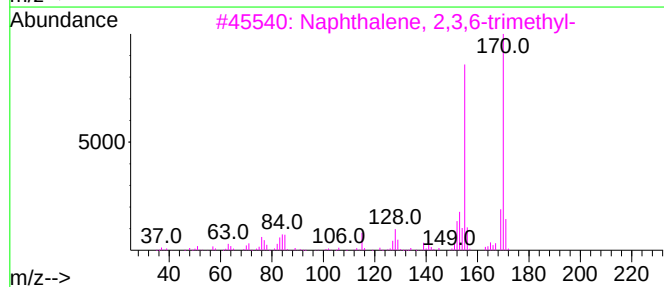
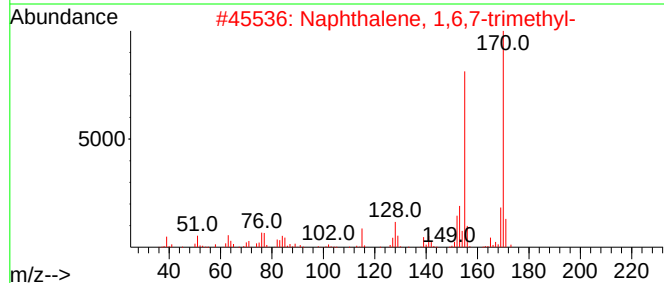
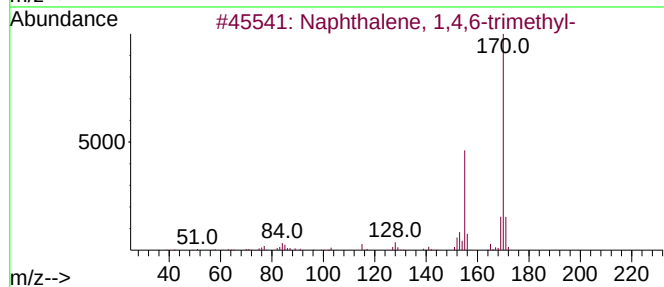
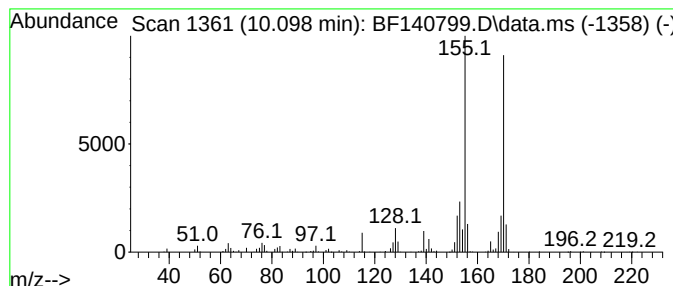
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Naphthalene, 1,4,6-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD			R.T.
10.098	14.28 ng	277664	Acenaphthene-d10			9.898
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,6-trimethyl-		170	C13H14	002131-42-2	96
2	Naphthalene, 1,6,7-trimethyl-		170	C13H14	002245-38-7	96
3	Naphthalene, 2,3,6-trimethyl-		170	C13H14	000829-26-5	96
4	Naphthalene, 1,4,5-trimethyl-		170	C13H14	002131-41-1	93
5	4,6,8-Trimethylazulene		170	C13H14	000941-81-1	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121024\
Data File : BF140799.D
Acq On : 10 Dec 2024 11:55
Operator : RC/JU
Sample : P5174-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-COMP

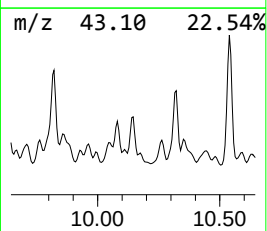
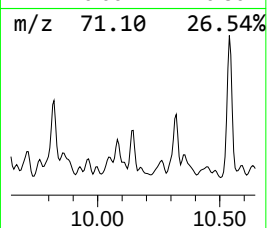
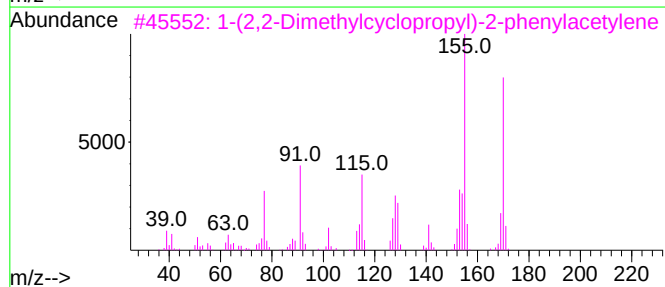
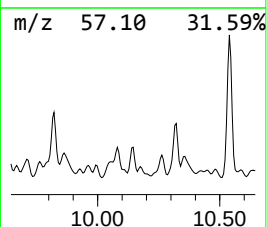
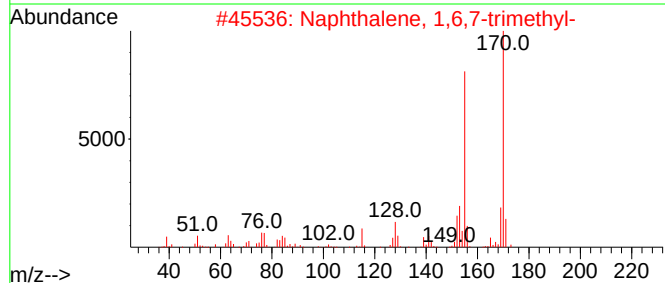
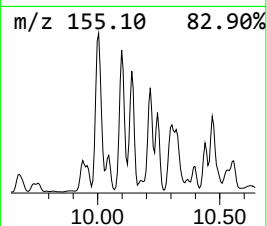
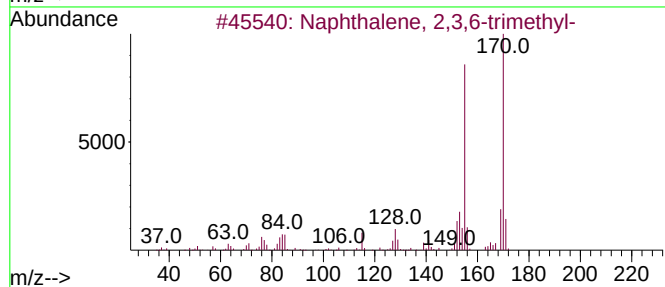
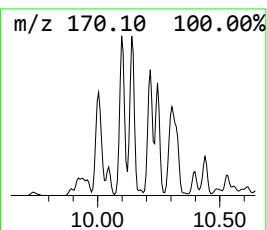
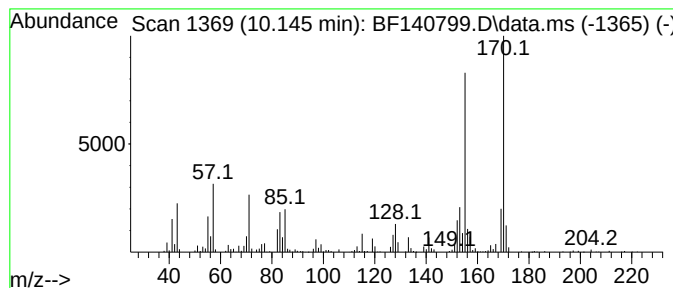
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Naphthalene, 2,3,6-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.145	25.23 ng	490638	Acenaphthene-d10	9.898

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	94
2			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	93
3			1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	91
4			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	91
5			3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121024\
Data File : BF140799.D
Acq On : 10 Dec 2024 11:55
Operator : RC/JU
Sample : P5174-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-COMP

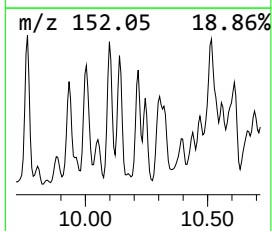
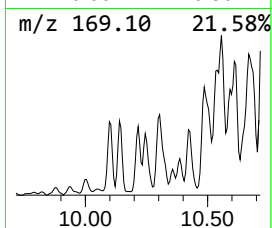
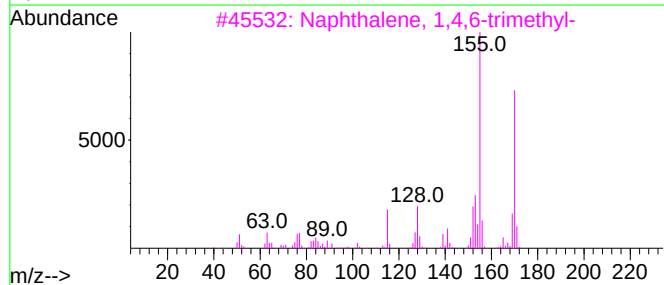
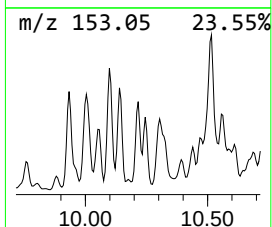
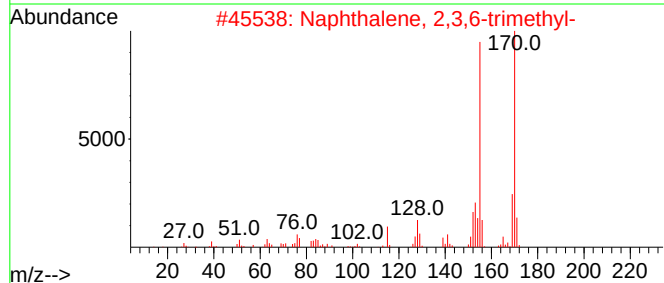
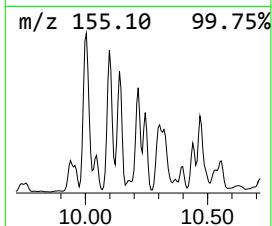
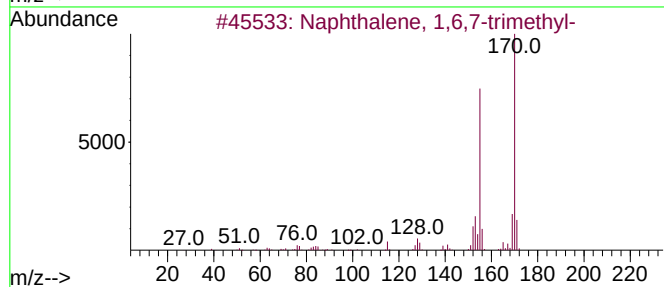
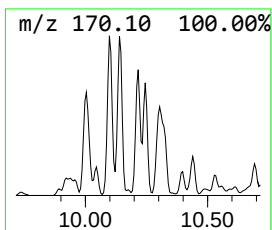
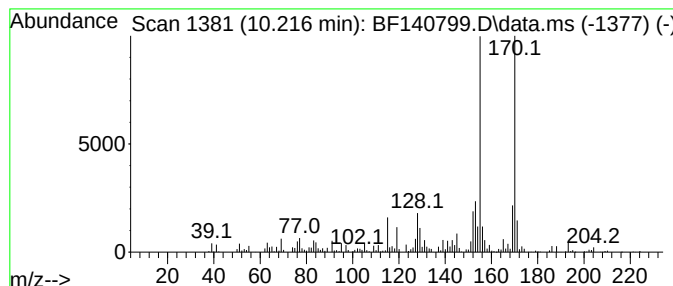
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Naphthalene, 1,6,7-trimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.216	17.03 ng	331068	Acenaphthene-d10	9.898

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
2			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
3			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	95
4			4,6,8-Trimethylazulene	170	C13H14	000941-81-1	93
5			3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121024\
Data File : BF140799.D
Acq On : 10 Dec 2024 11:55
Operator : RC/JU
Sample : P5174-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-COMP

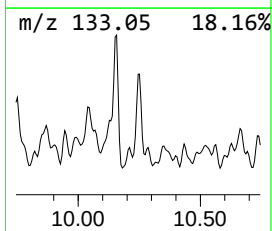
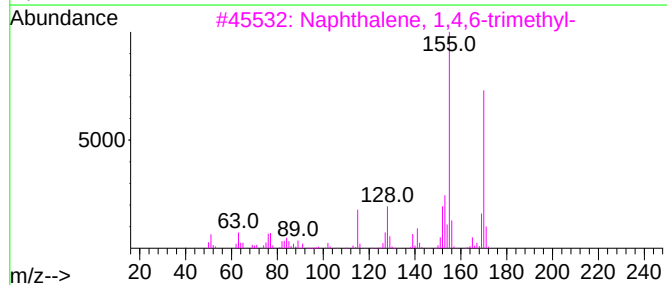
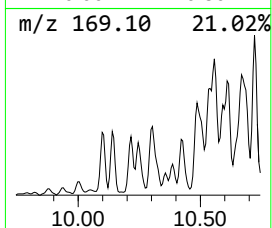
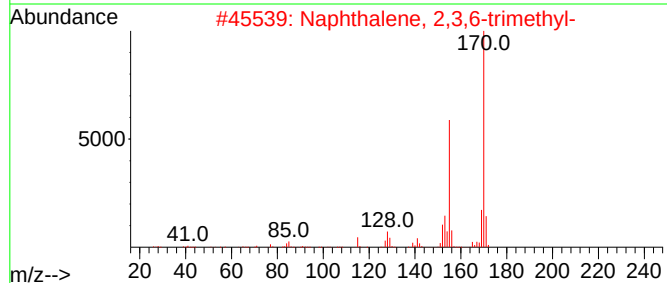
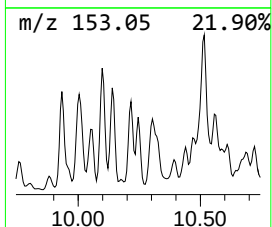
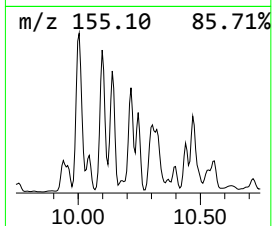
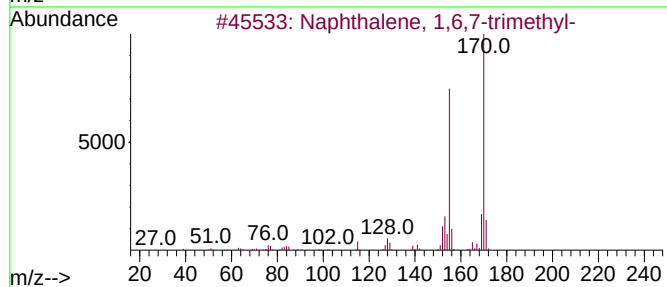
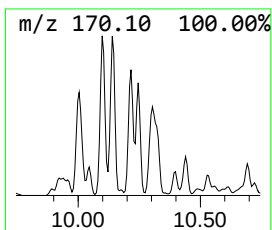
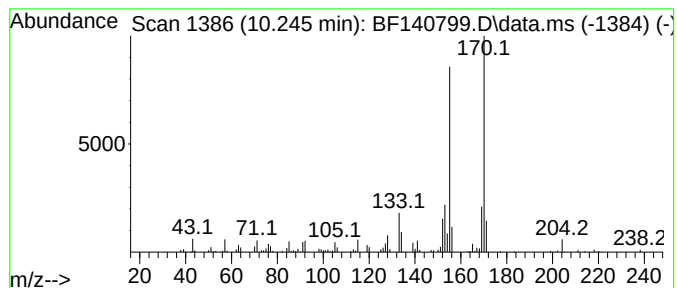
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 1-(2,2-Dimethylcyclopropyl)... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.245	11.08 ng	215373	Acenaphthene-d10	9.898

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
2			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	93
3			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	93
4			1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	90
5			4,6,8-Trimethylazulene	170	C13H14	000941-81-1	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121024\
Data File : BF140799.D
Acq On : 10 Dec 2024 11:55
Operator : RC/JU
Sample : P5174-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-COMP

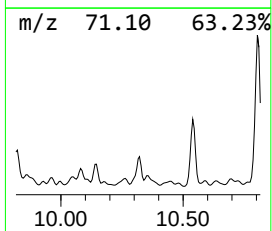
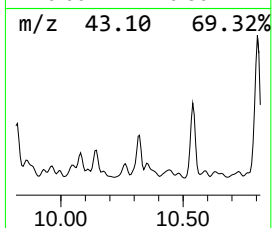
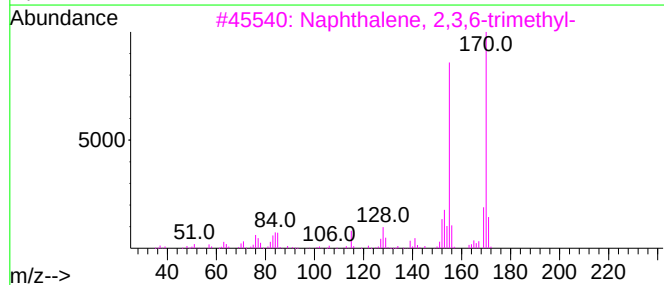
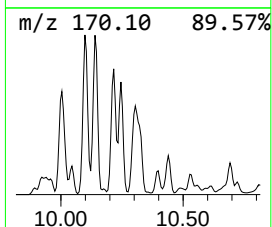
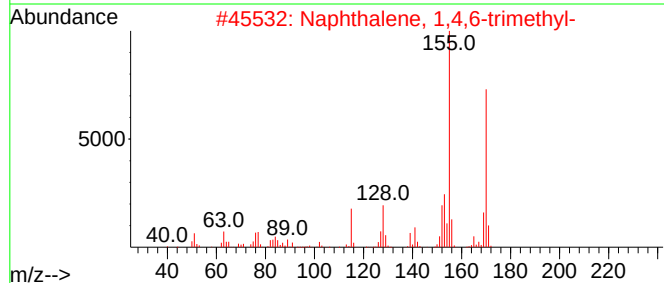
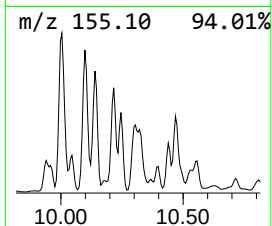
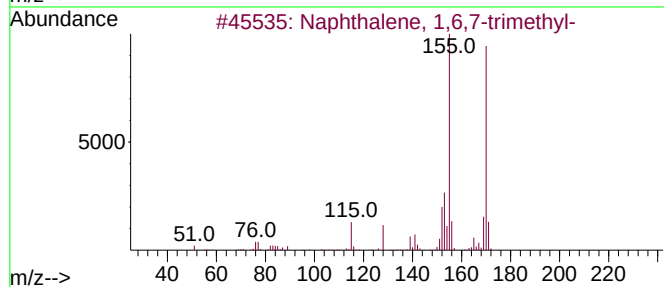
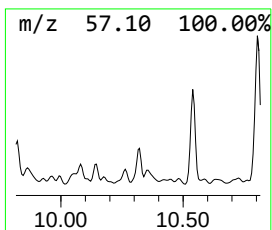
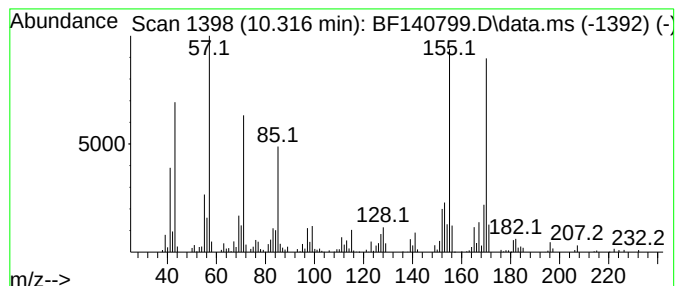
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 Naphthalene, 1,4,5-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.316	23.39 ng	454792	Acenaphthene-d10	9.898

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
2		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
3		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	91
4		1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	70
5		Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	60



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121024\
Data File : BF140799.D
Acq On : 10 Dec 2024 11:55
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Sample : P5174-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-COMP

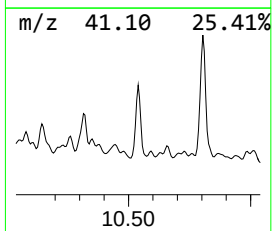
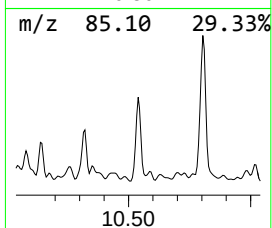
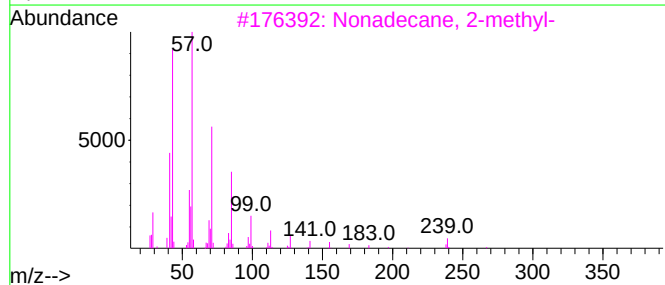
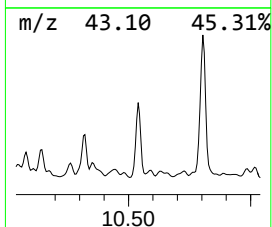
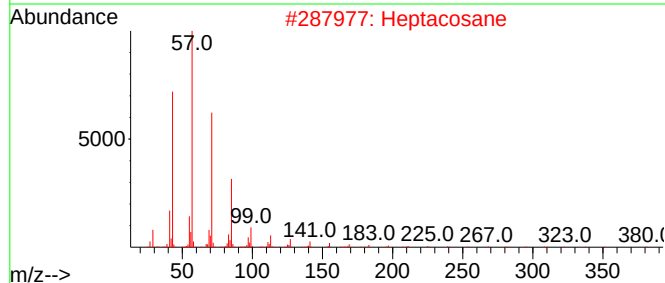
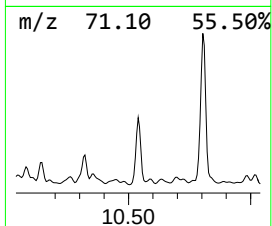
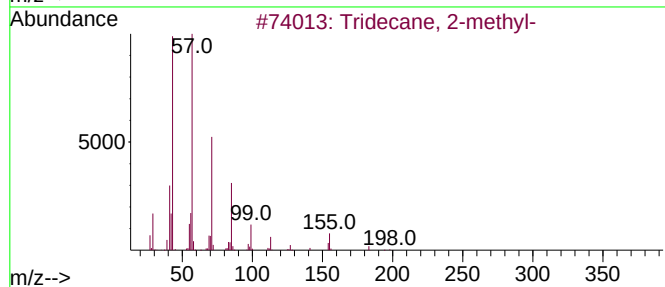
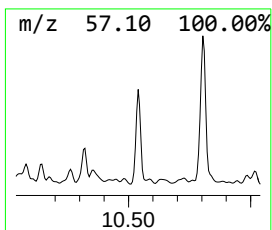
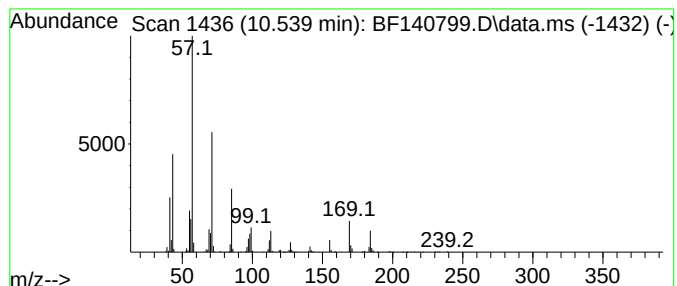
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 Tridecane, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.539	25.88 ng	503251	Acenaphthene-d10	9.898

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane, 2-methyl-	198	C14H30	001560-96-9	76
2			Heptacosane	380	C27H56	000593-49-7	72
3			Nonadecane, 2-methyl-	282	C20H42	001560-86-7	72
4			Tridecane	184	C13H28	000629-50-5	64
5			3,5-Dimethyldodecane	198	C14H30	107770-99-0	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121024\
Data File : BF140799.D
Acq On : 10 Dec 2024 11:55
Operator : RC/JU
Sample : P5174-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-COMP

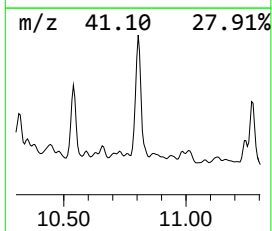
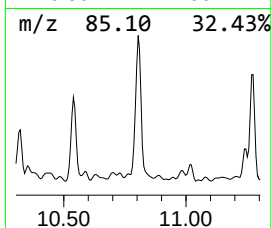
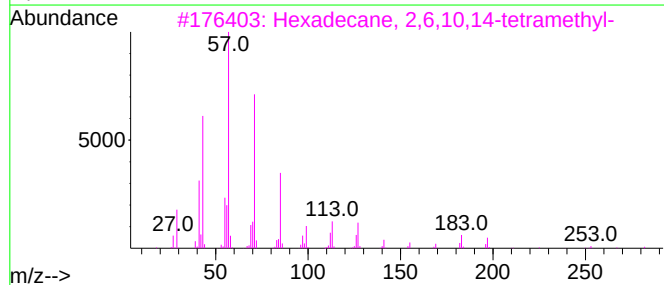
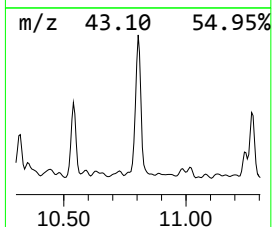
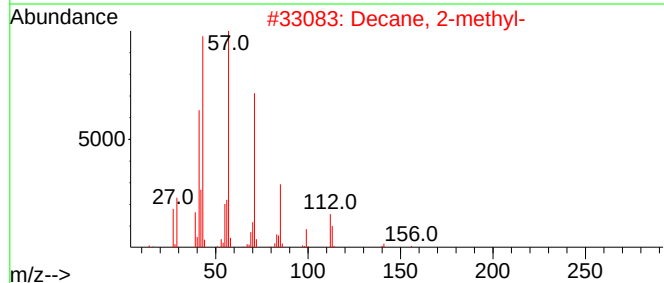
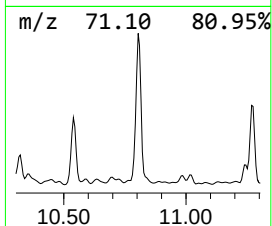
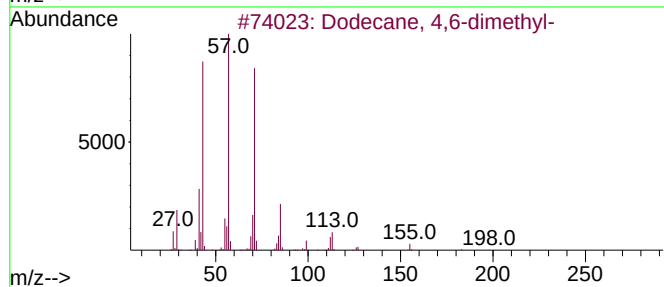
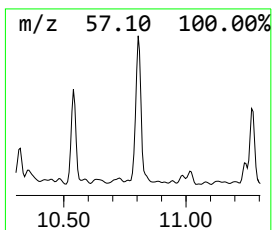
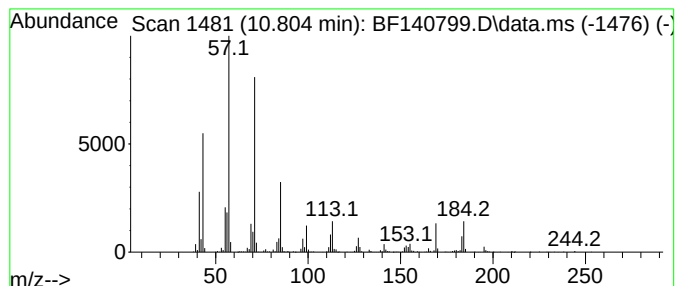
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 Dodecane, 4,6-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.804	35.77 ng	911639	Phenanthrene-d10	11.392

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	81
2			Decane, 2-methyl-	156	C11H24	006975-98-0	81
3			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	80
4			Hexadecane, 2,6,10-trimethyl-	268	C19H40	055000-52-7	80
5			Heptadecane, 7-methyl-	254	C18H38	020959-33-5	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121024\
Data File : BF140799.D
Acq On : 10 Dec 2024 11:55
Operator : RC/JU
Sample : P5174-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-COMP

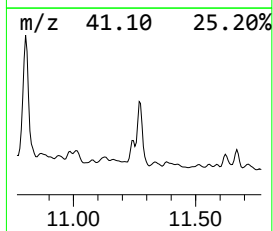
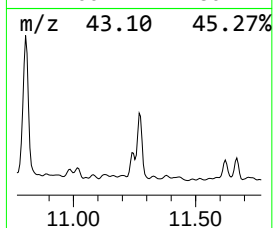
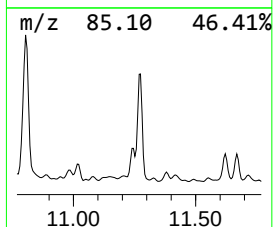
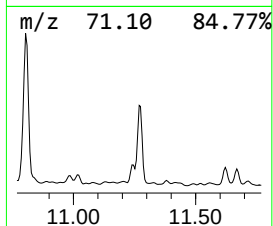
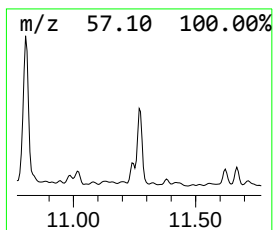
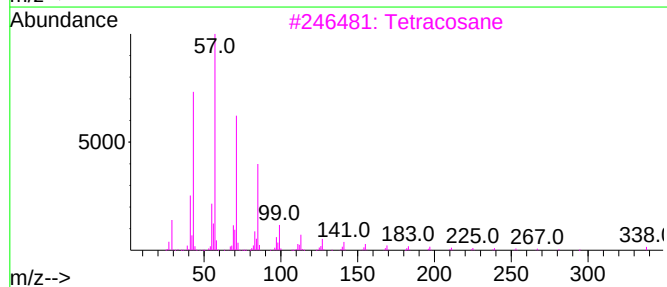
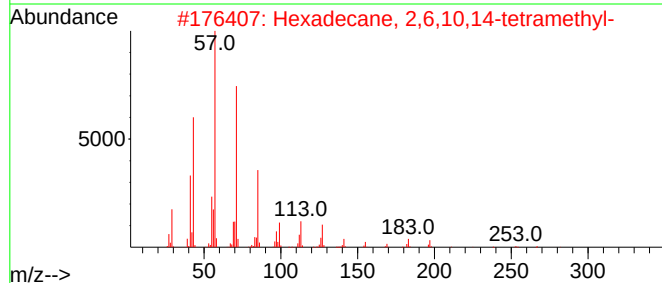
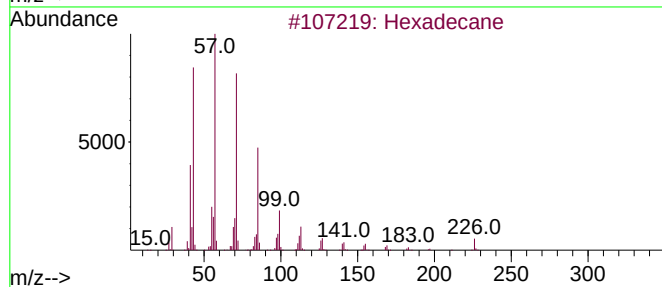
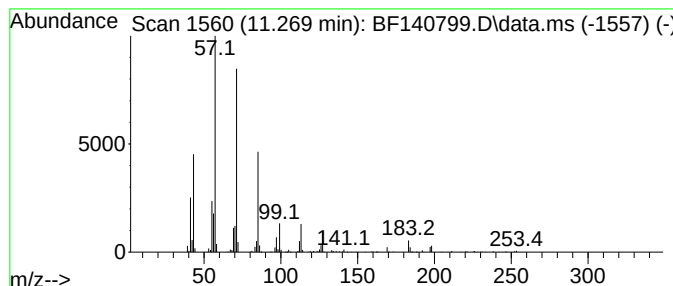
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 Hexadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.269	18.58 ng	473495	Phenanthrene-d10	11.392

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexadecane	226	C16H34	000544-76-3	94
2		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	91
3		Tetracosane	338	C24H50	000646-31-1	90
4		Tridecane	184	C13H28	000629-50-5	87
5		2,6,10-Trimethyltridecane	226	C16H34	003891-99-4	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121024\
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Acq On : 10 Dec 2024 11:55
Operator : RC/JU
Sample : P5174-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

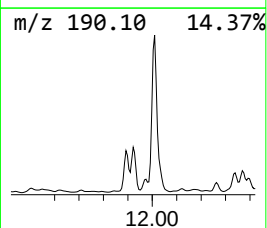
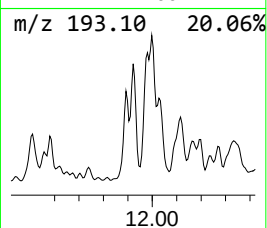
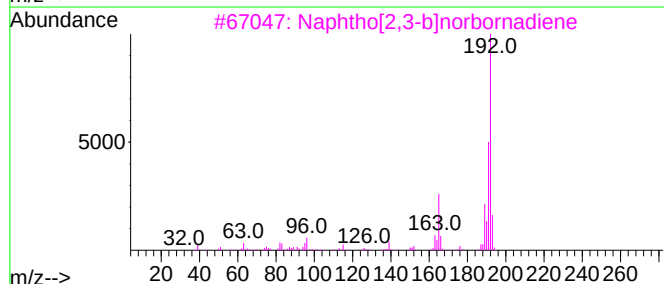
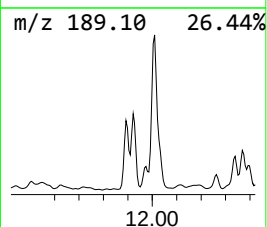
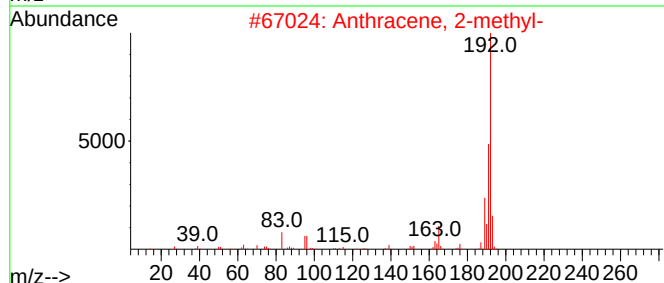
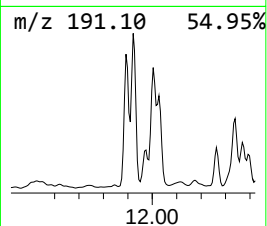
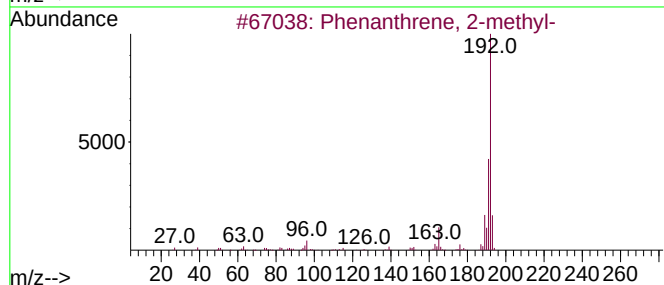
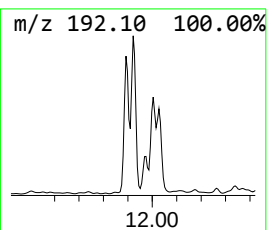
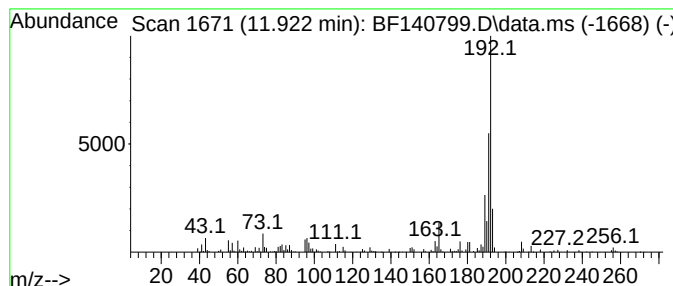
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ClientSampleId :
ROLL-OFF-COMP

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 Phenanthrene, 2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.922	8.43 ng	214923	Phenanthrene-d10		11.392	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-		192	C15H12	002531-84-2	93
2	Anthracene, 2-methyl-		192	C15H12	000613-12-7	93
3	Naphtho[2,3-b]norbornadiene		192	C15H12	107426-38-0	91
4	Anthracene, 9-methyl-		192	C15H12	000779-02-2	91
5	Anthracene, 1-methyl-		192	C15H12	000610-48-0	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121024\
Data File : BF140799.D
Acq On : 10 Dec 2024 11:55
Operator : RC/JU
Sample : P5174-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

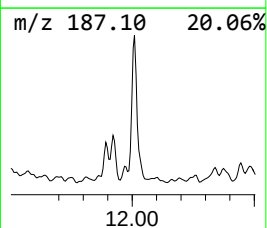
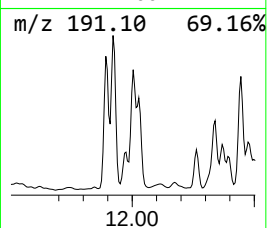
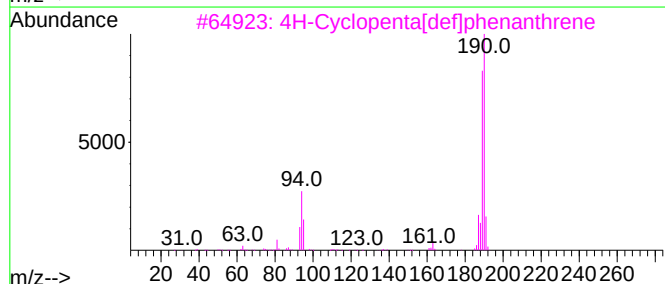
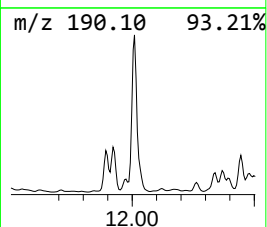
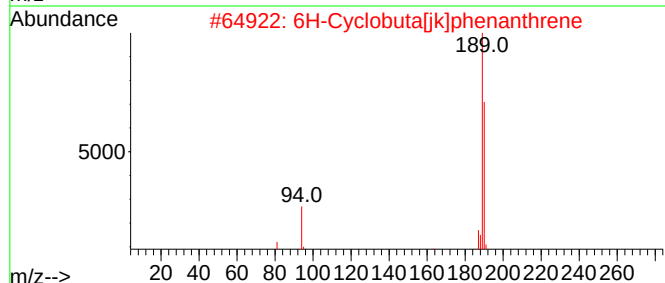
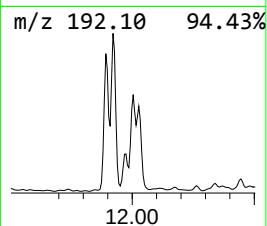
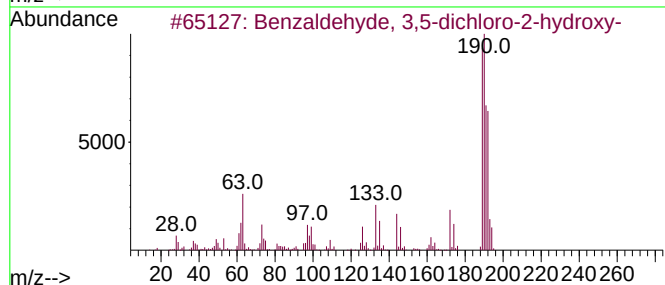
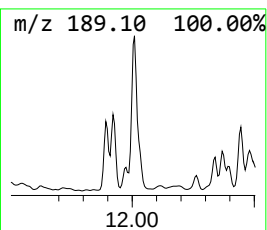
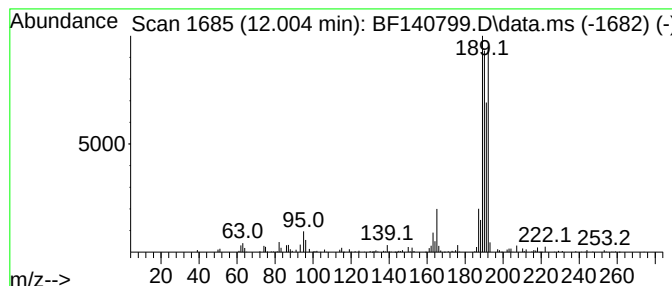
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ClientSampleId :
ROLL-OFF-COMP

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 Benzaldehyde, 3,5-dichloro-... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD			R.T.
12.004	10.37 ng	264331	Phenanthrene-d10			11.392
Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	58
2		6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	49
3		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	46
4		5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	42
5		1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	41



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121024\
Data File : BF140799.D
Acq On : 10 Dec 2024 11:55
Operator : RC/JU
Sample : P5174-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-COMP

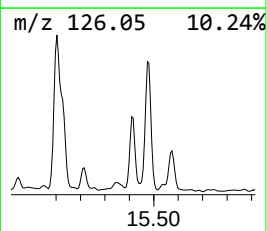
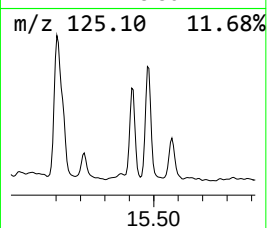
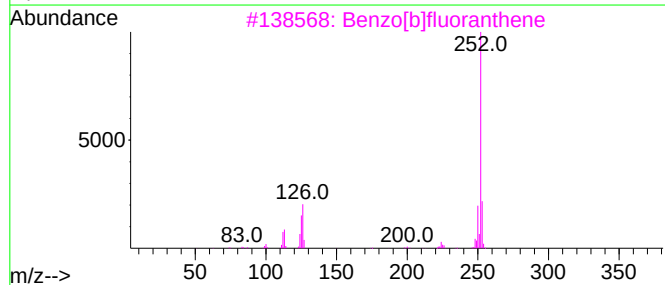
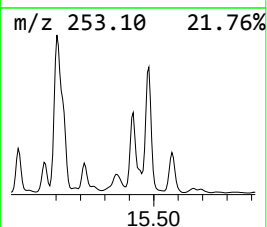
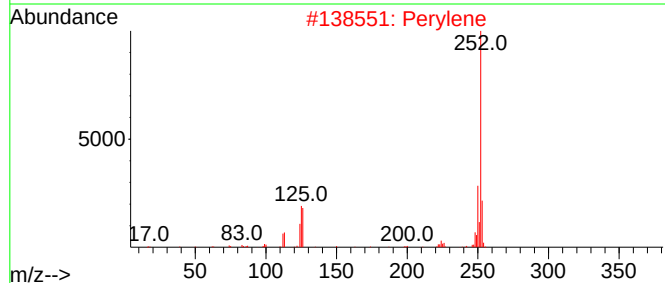
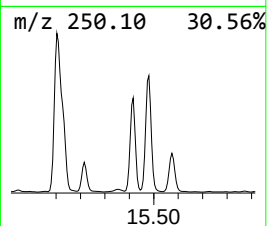
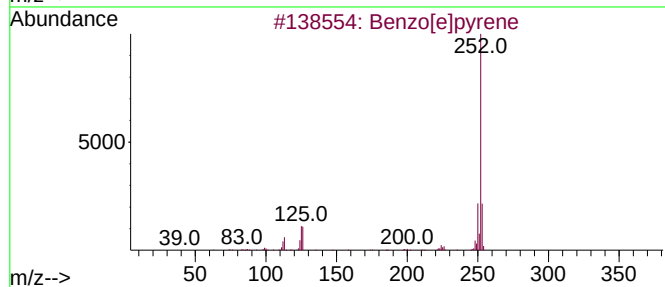
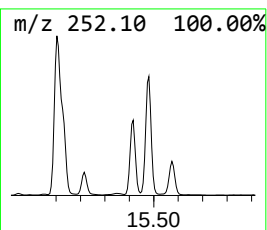
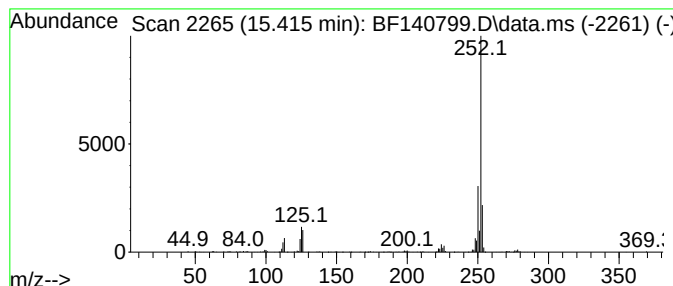
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 Benzo[e]pyrene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.415	9.90 ng	215491	Perylene-d12	15.539

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	98
2			Perylene	252	C20H12	000198-55-0	96
3			Benzo[b]fluoranthene	252	C20H12	000205-99-2	95
4			Benzo[a]pyrene	252	C20H12	000050-32-8	94
5			Benzo[j]fluoranthene	252	C20H12	000205-82-3	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121024\
Data File : BF140799.D
Acq On : 10 Dec 2024 11:55
Operator : RC/JU
Sample : P5174-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-COMP

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Dodecane, 2,6,1...	9.157	19.2	ng	372488	3	9.898	388907	20.0
Carbonic acid, ...	9.292	20.2	ng	393301	3	9.898	388907	20.0
Naphthalene, 1,...	9.481	19.3	ng	374692	3	9.898	388907	20.0
Naphthalene, 1,...	9.557	23.7	ng	461621	3	9.898	388907	20.0
Sulfurous acid,...	9.610	39.5	ng	767795	3	9.898	388907	20.0
Naphthalene, 1,...	9.675	19.5	ng	378479	3	9.898	388907	20.0
Naphthalene, 2,...	9.757	11.8	ng	230044	3	9.898	388907	20.0
unknown9.810	9.810	13.5	ng	262515	3	9.898	388907	20.0
Naphthalene, 2-...	10.004	14.7	ng	286087	3	9.898	388907	20.0
Naphthalene, 1,...	10.098	14.3	ng	277664	3	9.898	388907	20.0
Naphthalene, 2,...	10.145	25.2	ng	490638	3	9.898	388907	20.0
Naphthalene, 1,...	10.216	17.0	ng	331068	3	9.898	388907	20.0
1-(2,2-Dimethyl...	10.245	11.1	ng	215373	3	9.898	388907	20.0
Naphthalene, 1,...	10.316	23.4	ng	454792	3	9.898	388907	20.0
Tridecane, 2-me...	10.539	25.9	ng	503251	3	9.898	388907	20.0
Dodecane, 4,6-d...	10.804	35.8	ng	911639	4	11.392	509791	20.0
Hexadecane	11.269	18.6	ng	473495	4	11.392	509791	20.0
Phenanthrene, 2...	11.922	8.4	ng	214923	4	11.392	509791	20.0
Benzaldehyde, 3...	12.004	10.4	ng	264331	4	11.392	509791	20.0
Benzo[e]pyrene	15.415	9.9	ng	215491	6	15.539	435311	20.0