

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062425\
 Data File : BF142814.D
 Acq On : 24 Jun 2025 11:51
 Operator : RC/JU
 Sample : Q2388-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-12

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-BF061925.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF142814.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.081	484	491	507	rBV	51628	73027	8.40%	0.512%
2	5.492	555	561	571	rBV	517609	695420	79.98%	4.871%
3	6.128	664	669	675	rBV4	7635	13515	1.55%	0.095%
4	6.498	727	732	744	rVB	563312	724993	83.38%	5.078%
5	6.616	748	752	757	rBV6	5213	10838	1.25%	0.076%
6	6.881	791	797	802	rVB	326533	429778	49.43%	3.010%
7	6.986	809	815	818	rBV5	7426	13928	1.60%	0.098%
8	7.022	818	821	826	rVB2	14689	19291	2.22%	0.135%
9	7.151	837	843	846	rVB2	16330	21607	2.48%	0.151%
10	7.275	858	864	867	rBV3	9859	15484	1.78%	0.108%
11	7.439	881	892	901	rBV	360869	513344	59.04%	3.596%
12	7.522	901	906	909	rBV4	17121	26494	3.05%	0.186%
13	7.581	909	916	920	rBV3	16225	31408	3.61%	0.220%
14	7.628	920	924	926	rBV4	7895	11246	1.29%	0.079%
15	7.657	926	929	931	rVV2	16113	18797	2.16%	0.132%
16	7.686	931	934	936	rVB2	10227	11395	1.31%	0.080%
17	7.775	942	949	951	rBV4	22346	46235	5.32%	0.324%
18	7.804	951	954	957	rVV4	21780	31585	3.63%	0.221%
19	7.833	957	959	963	rVB2	16005	20767	2.39%	0.145%
20	7.904	968	971	972	rBV2	11059	13031	1.50%	0.091%
21	7.981	980	984	989	rBV5	17303	26958	3.10%	0.189%
22	8.033	989	993	996	rBV2	21201	30101	3.46%	0.211%
23	8.163	1001	1015	1020	rVV	452372	668857	76.92%	4.685%
24	8.216	1020	1024	1028	rVV2	94293	134559	15.48%	0.943%
25	8.251	1028	1030	1037	rVB3	28121	41265	4.75%	0.289%
26	8.316	1037	1041	1043	rBV2	17111	24366	2.80%	0.171%
27	8.357	1045	1048	1053	rVB2	35262	49441	5.69%	0.346%
28	8.451	1059	1064	1067	rVB3	50001	70082	8.06%	0.491%
29	8.545	1076	1080	1082	rBV	29869	33653	3.87%	0.236%
30	8.580	1082	1086	1092	rBV	90674	128025	14.72%	0.897%
31	8.669	1097	1101	1104	rBV2	58988	82558	9.49%	0.578%
32	8.757	1113	1116	1118	rBV3	22306	30379	3.49%	0.213%
33	8.910	1139	1142	1144	rBV3	24636	28250	3.25%	0.198%
34	8.986	1144	1155	1162	rVV6	117544	301444	34.67%	2.111%
35	9.069	1166	1169	1172	rVB4	46771	55397	6.37%	0.388%
36	9.104	1172	1175	1177	rBV	33042	41345	4.75%	0.290%

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Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

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

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37	9.180	1184	1188	1193	rBV2	168256	238250	27.40%	1.669%
38	9.233	1193	1197	1202	rVB	683441	869515	100.00%	6.091%
39	9.322	1207	1212	1215	rBV5	69766	123212	14.17%	0.863%
40	9.386	1220	1223	1226	rVB	73817	90602	10.42%	0.635%
41	9.504	1238	1243	1248	rVB2	131573	203201	23.37%	1.423%
42	9.575	1248	1255	1258	rBV	164354	295834	34.02%	2.072%
43	9.633	1262	1265	1269	rVV3	247105	336657	38.72%	2.358%
44	9.698	1272	1276	1280	rVB2	78898	110042	12.66%	0.771%
45	9.780	1287	1290	1294	rVB4	62266	79049	9.09%	0.554%
46	9.916	1309	1313	1317	rBV	406351	520793	59.89%	3.648%
47	10.022	1327	1331	1336	rVB	146039	192983	22.19%	1.352%
48	10.069	1336	1339	1342	rBV4	40617	63331	7.28%	0.444%
49	10.116	1343	1347	1351	rVV2	170715	263652	30.32%	1.847%
50	10.163	1351	1355	1363	rVB3	180816	341737	39.30%	2.394%
51	10.233	1363	1367	1370	rBV2	139741	208444	23.97%	1.460%
52	10.263	1370	1372	1375	rVV	85883	100229	11.53%	0.702%
53	10.327	1379	1383	1389	rBV4	96275	195913	22.53%	1.372%
54	10.463	1401	1406	1407	rBV2	87578	132340	15.22%	0.927%
55	10.563	1420	1423	1429	rVB2	230006	375097	43.14%	2.627%
56	10.627	1429	1434	1438	rVB3	133888	234141	26.93%	1.640%
57	10.704	1443	1447	1451	rVB	364865	467802	53.80%	3.277%
58	10.833	1464	1469	1475	rVB	428292	578654	66.55%	4.053%
59	11.045	1502	1505	1511	rBV4	117168	141045	16.22%	0.988%
60	11.298	1544	1548	1554	rVB	277952	436534	50.20%	3.058%
61	11.410	1562	1567	1574	rBV2	423447	657055	75.57%	4.602%
62	11.645	1604	1607	1616	rVB4	102695	194384	22.36%	1.362%
63	11.910	1649	1652	1654	rBV	92327	125525	14.44%	0.879%
64	11.933	1654	1656	1661	rVB	131745	162948	18.74%	1.141%
65	12.016	1668	1670	1673	rVB	48208	46312	5.33%	0.324%
66	12.386	1730	1733	1740	rVB	74984	125403	14.42%	0.878%
67	12.457	1742	1745	1749	rBV	90743	122489	14.09%	0.858%
68	12.780	1797	1800	1802	rBV2	17683	23789	2.74%	0.167%
69	12.910	1819	1822	1826	rVB	38057	47548	5.47%	0.333%
70	12.992	1831	1836	1845	rVB	597646	781072	89.83%	5.471%
71	13.468	1915	1917	1927	rVB	20653	29222	3.36%	0.205%
72	14.051	2011	2016	2030	rVB	313133	401985	46.23%	2.816%
73	15.168	2203	2206	2213	rVB6	5894	9126	1.05%	0.064%
74	15.539	2263	2269	2280	rVB	295271	452752	52.07%	3.171%
75	16.703	2464	2467	2478	rVB8	4416	8845	1.02%	0.062%

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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-BF061925.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

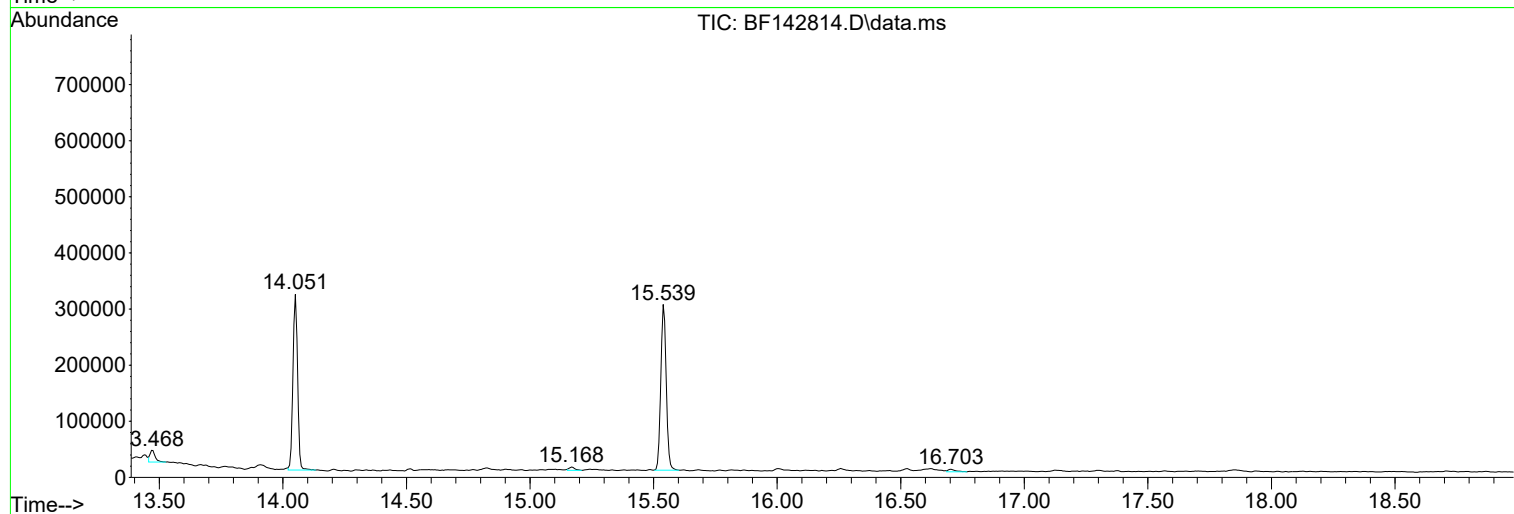
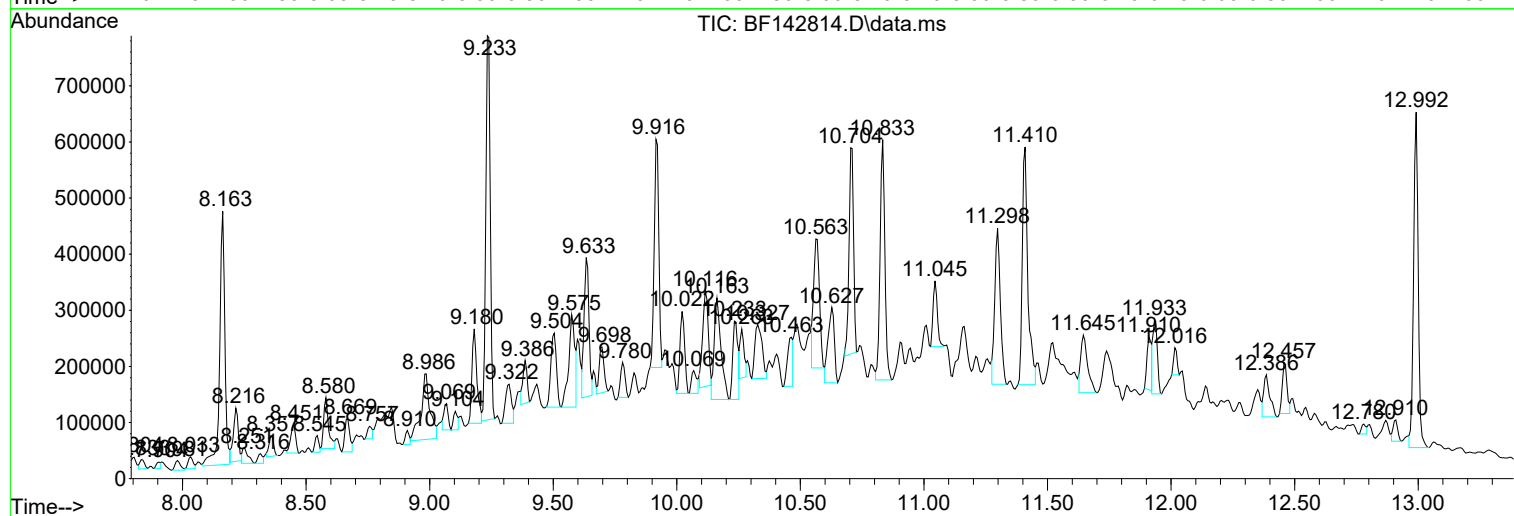
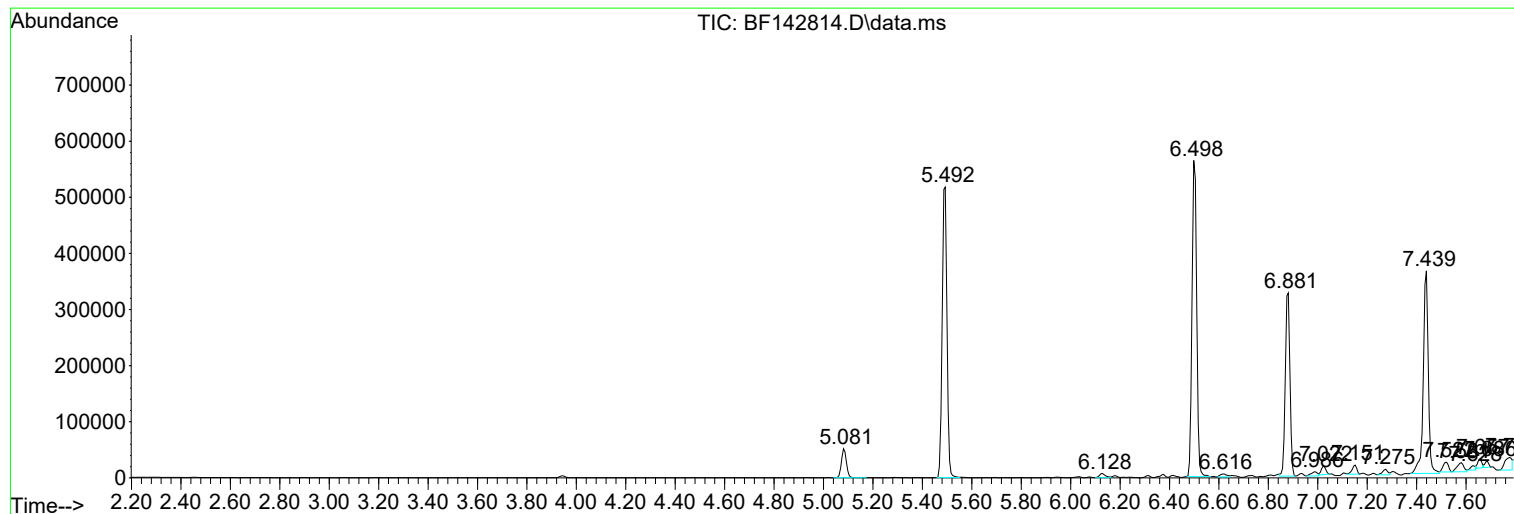
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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062425\
Data File : BF142814.D
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Operator : RC/JU
Sample : Q2388-01
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ALS Vial : 5 Sample Multiplier: 1

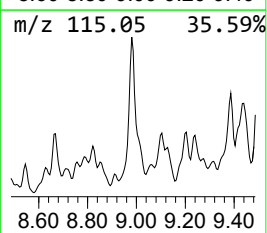
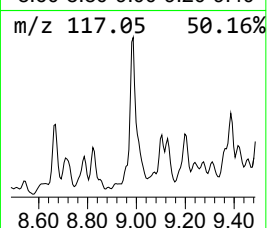
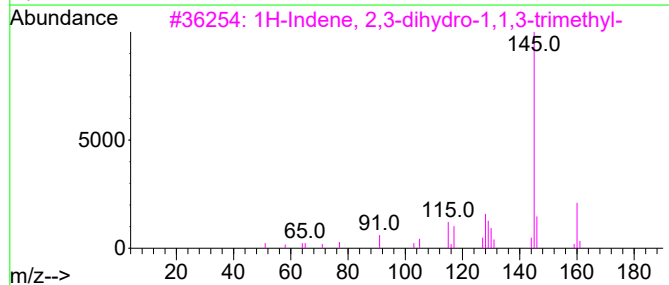
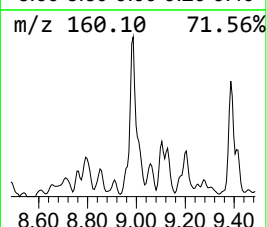
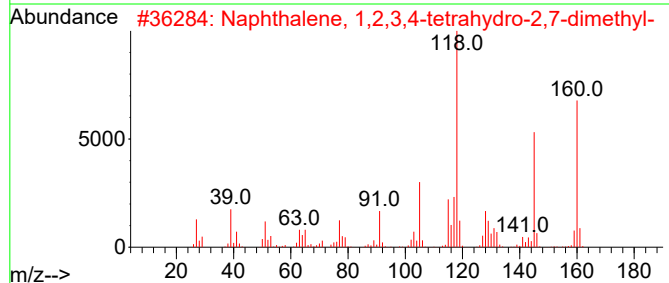
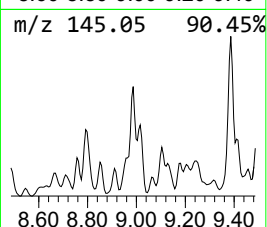
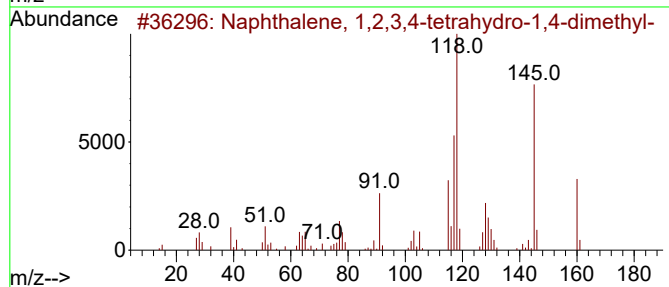
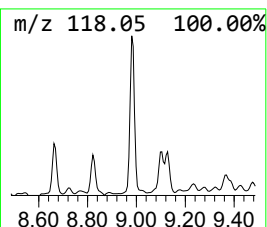
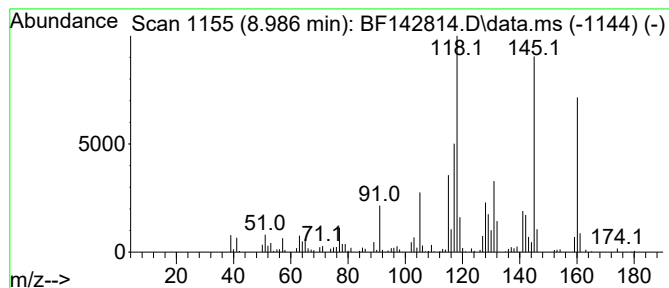
Instrument :
BNA_F
ClientSampleId :
TP-12

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD		R.T.	
8.986	9.01 ng	301444	Naphthalene-d8		8.163	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...		160	C12H16	004175-54-6	97
2	Naphthalene, 1,2,3,4-tetrahydro-...		160	C12H16	013065-07-1	94
3	1H-Indene, 2,3-dihydro-1,1,3-tri...		160	C12H16	002613-76-5	90
4	Naphthalene, 1,2,3,4-tetrahydro-...		160	C12H16	007524-63-2	87
5	4-(1H-Imidazol-2-yl)pyridine		145	C8H7N3	021202-42-6	64



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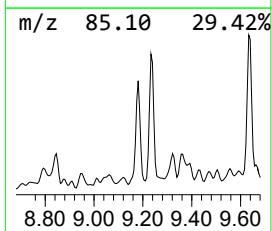
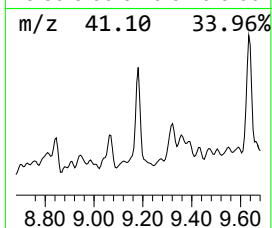
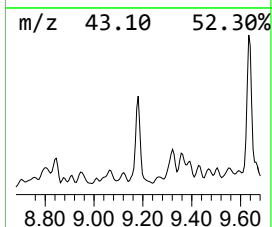
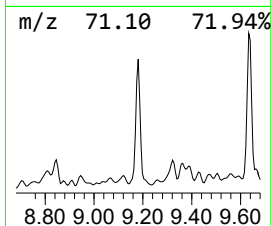
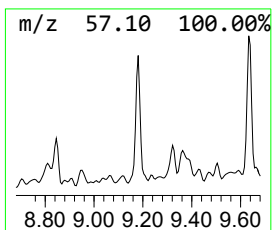
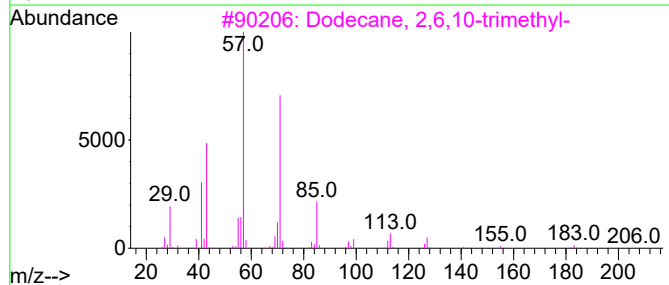
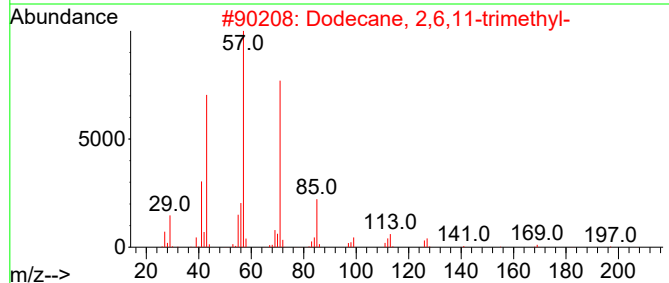
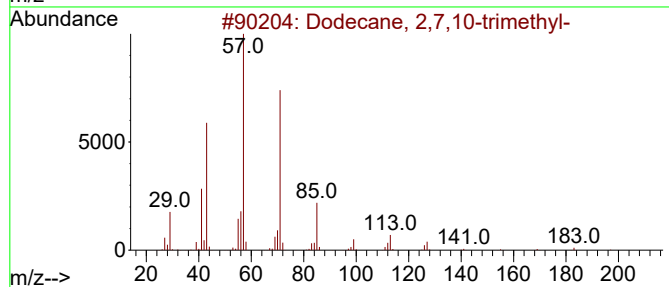
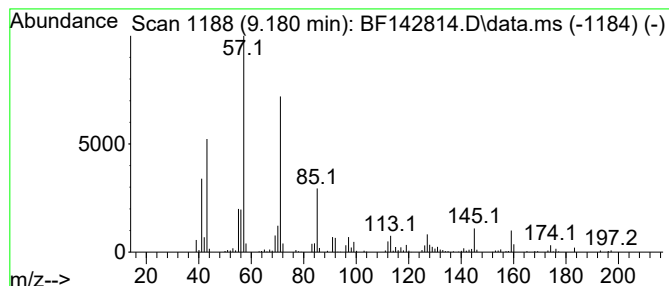
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Dodecane, 2,7,10-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.180	9.15 ng	238250	Acenaphthene-d10	9.922

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	68
2			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	64
3			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	64
4			Bacchotricuneatin c	342	C20H22O5	066563-30-2	47
5			Nonane, 5-(2-methylpropyl)-	184	C13H28	062185-53-9	47



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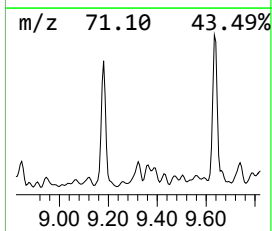
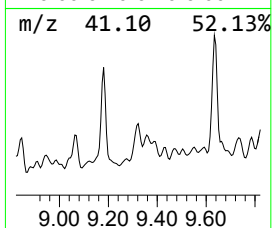
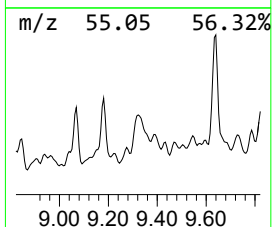
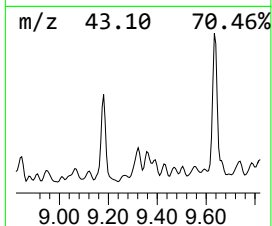
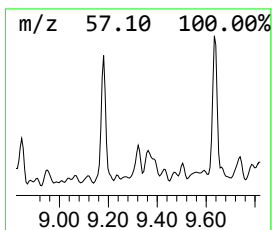
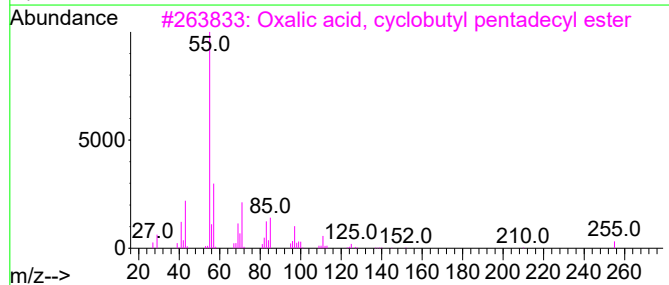
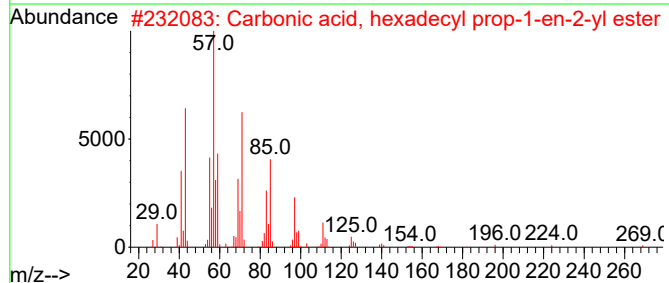
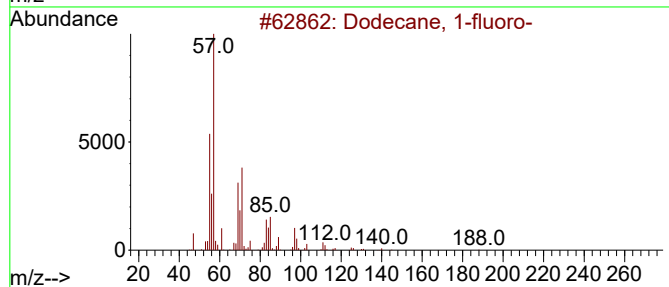
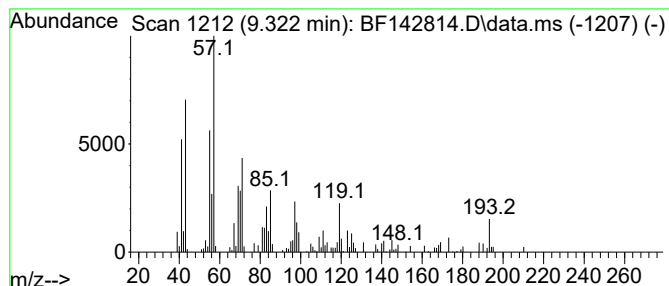
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Dodecane, 1-fluoro- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.322	4.73 ng	123212	Acenaphthene-d10	9.922

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 1-fluoro-	188	C12H25F	000334-68-9	83
2			Carbonic acid, hexadecyl prop-1-...	326	C20H38O3	1000382-90-3	52
3			Oxalic acid, cyclobutyl pentadec...	354	C21H38O4	1010309-70-5	52
4			Carbonic acid, octadecyl prop-1-...	354	C22H42O3	1000383-11-5	52
5			Oxalic acid, cyclobutyl octadecy...	396	C24H44O4	1000309-70-8	52



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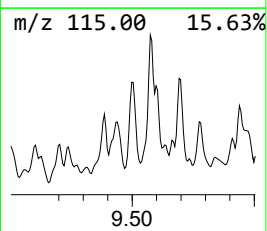
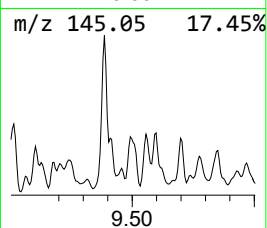
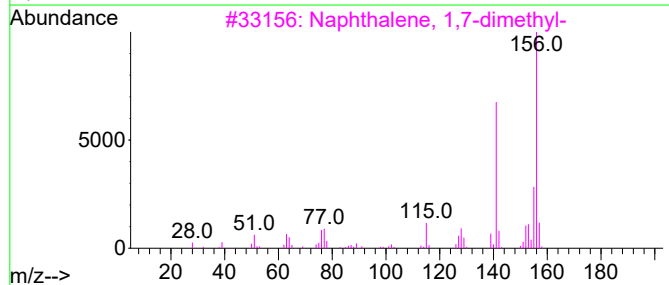
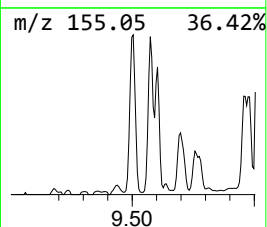
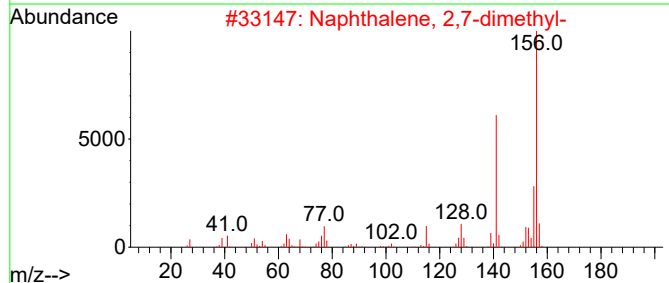
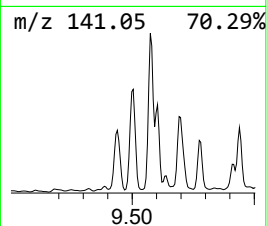
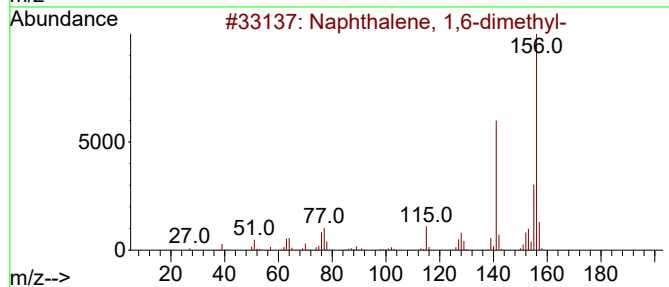
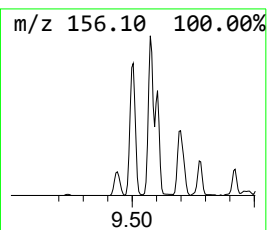
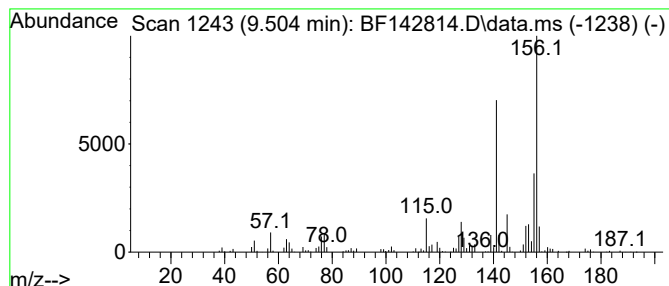
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Naphthalene, 1,6-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.504	7.80 ng	203201	Acenaphthene-d10	9.922

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
2			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
3			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
4			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
5			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062425\
Data File : BF142814.D
Acq On : 24 Jun 2025 11:51
Operator : RC/JU
Sample : Q2388-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-12

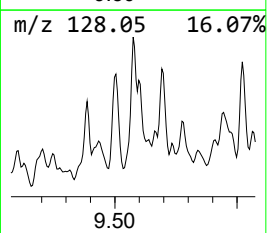
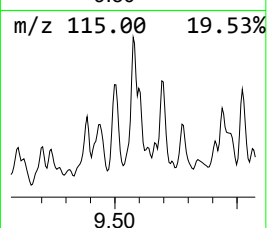
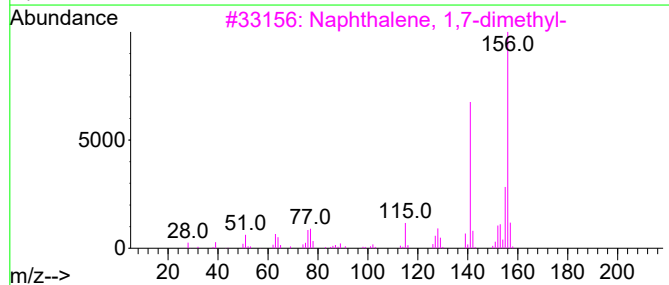
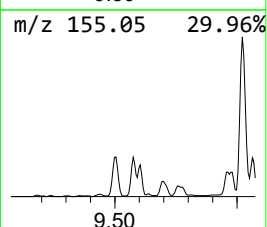
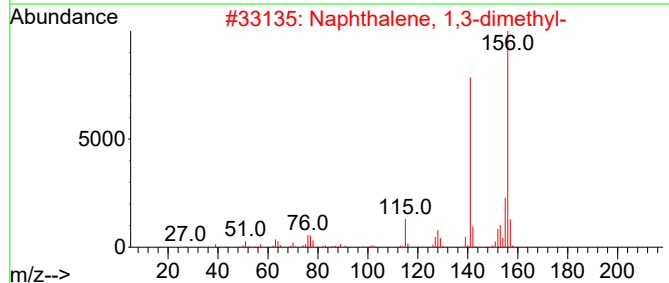
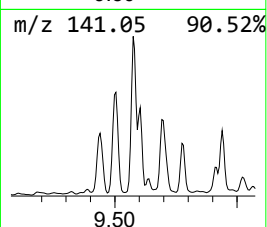
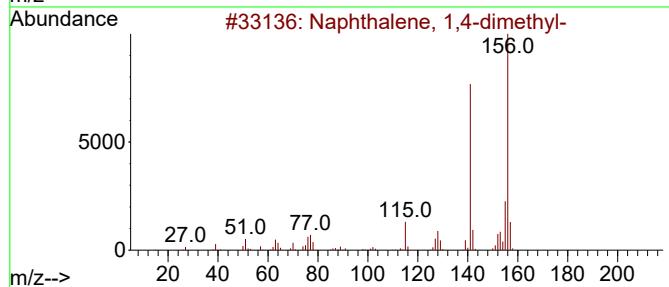
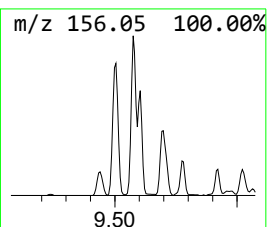
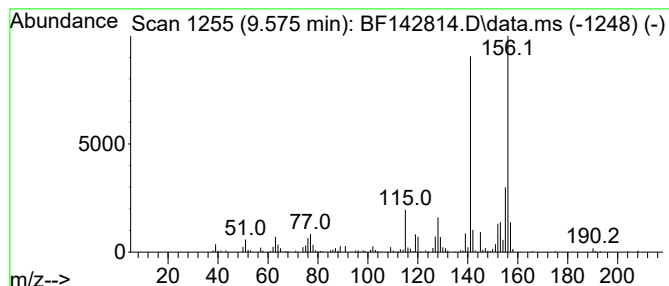
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Naphthalene, 1,4-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.575	11.36 ng	295834	Acenaphthene-d10	9.922

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
2			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
3			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
4			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
5			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062425\
Data File : BF142814.D
Acq On : 24 Jun 2025 11:51
Operator : RC/JU
Sample : Q2388-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-12

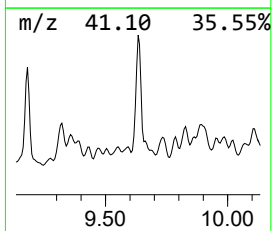
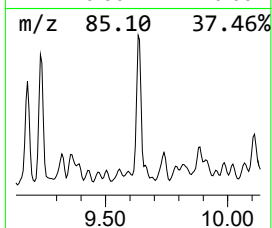
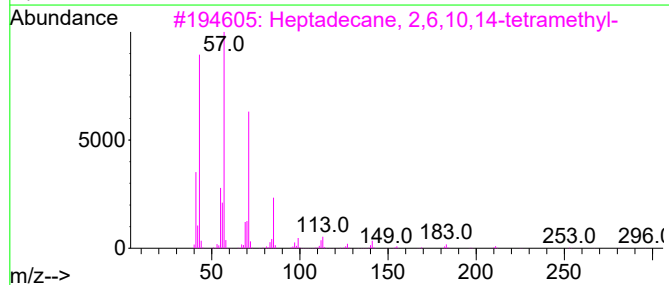
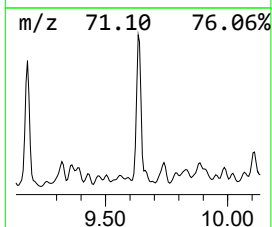
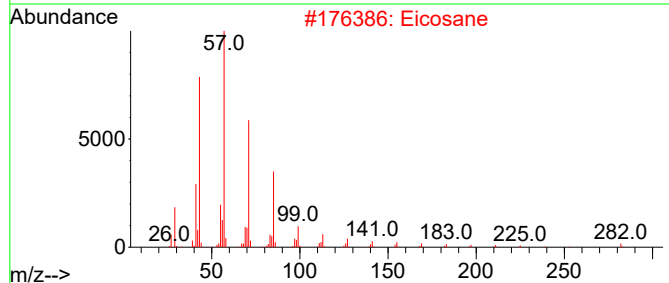
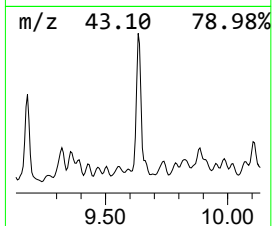
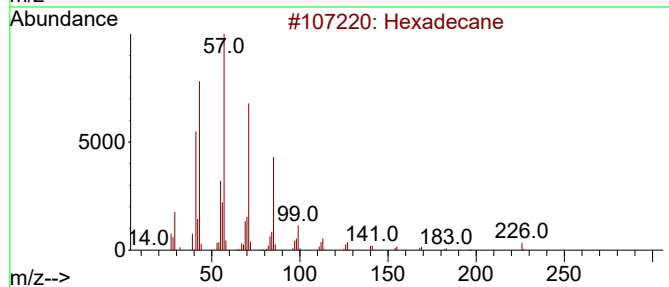
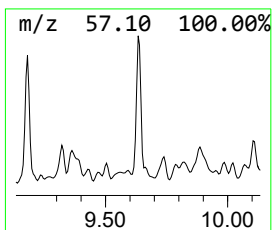
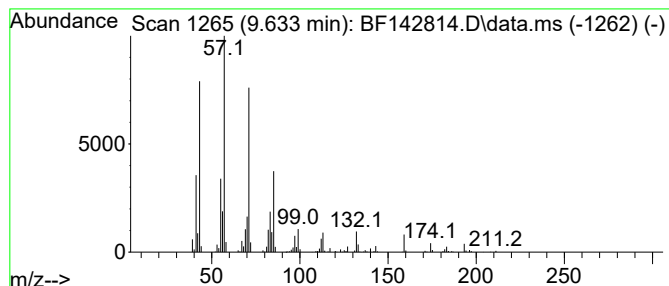
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Hexadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.633	12.93 ng	336657	Acenaphthene-d10	9.922

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	80
2			Eicosane	282	C20H42	000112-95-8	80
3			Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	72
4			Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	72
5			Dodecane, 4-methyl-	184	C13H28	006117-97-1	70



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062425\
Data File : BF142814.D
Acq On : 24 Jun 2025 11:51
Operator : RC/JU
Sample : Q2388-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-12

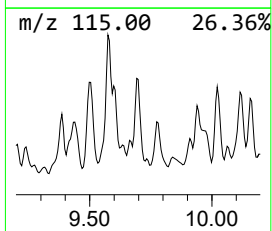
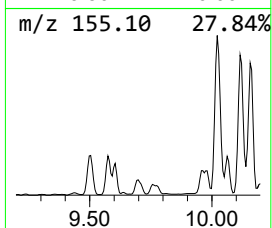
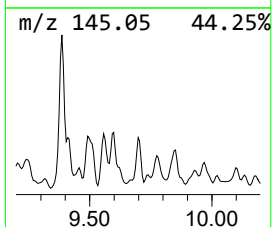
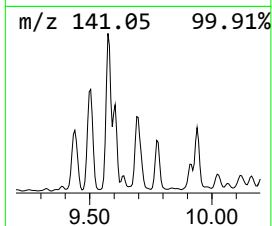
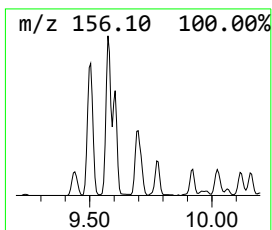
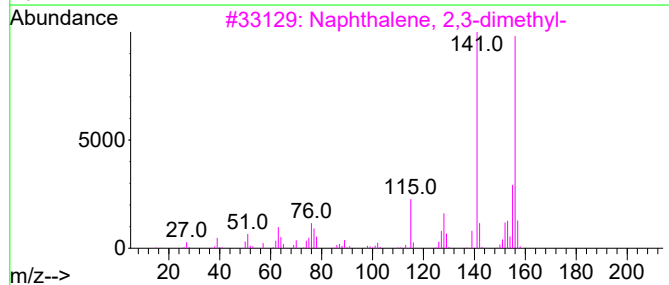
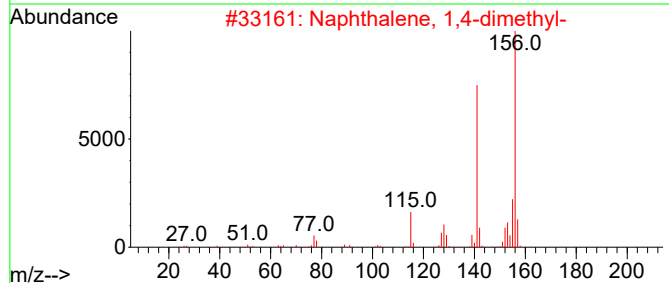
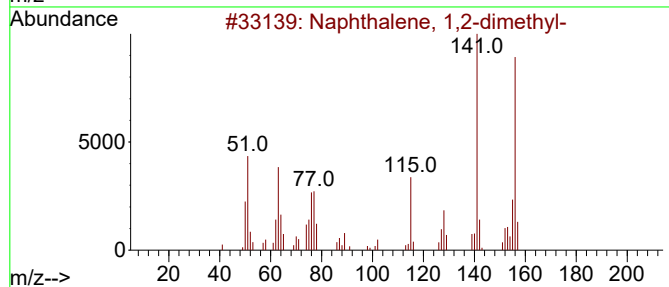
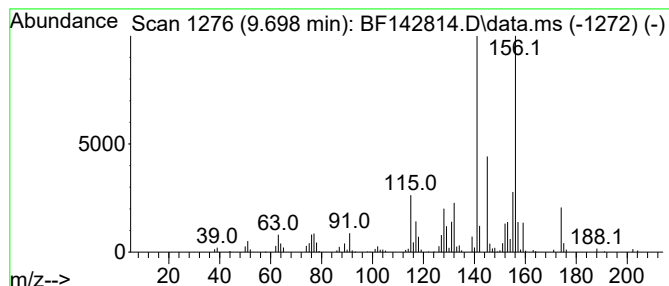
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Naphthalene, 1,2-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.698	4.23 ng	110042	Acenaphthene-d10	9.922

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	94
2			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	93
3			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	93
4			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	91
5			Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062425\
Data File : BF142814.D
Acq On : 24 Jun 2025 11:51
Operator : RC/JU
Sample : Q2388-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TP-12

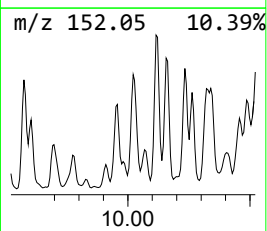
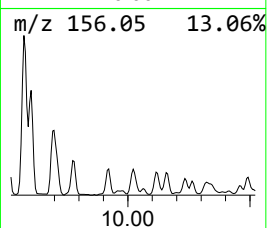
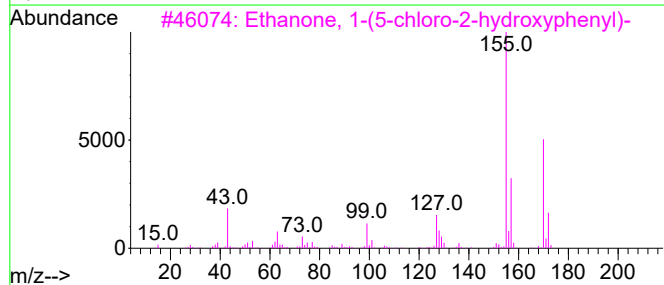
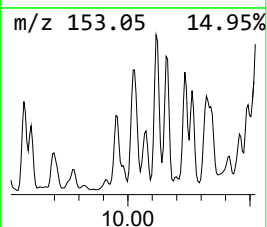
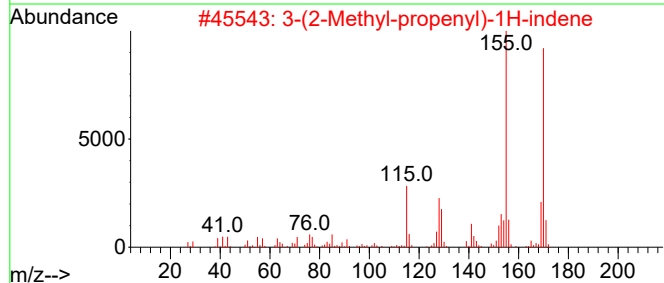
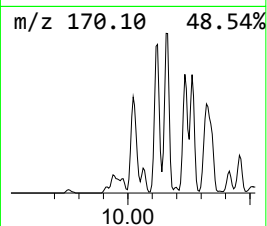
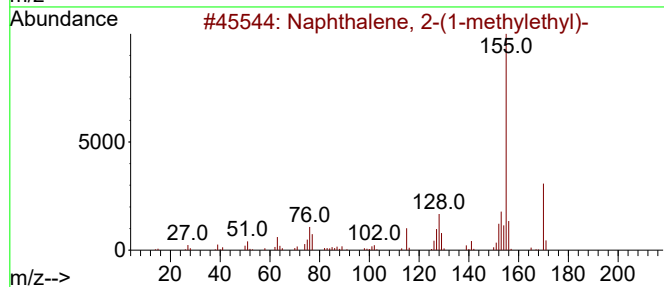
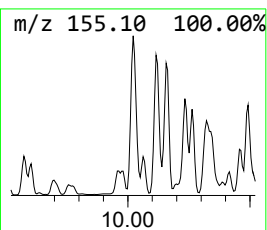
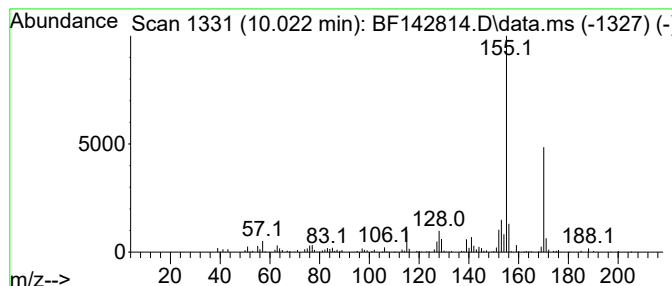
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Naphthalene, 2-(1-methyleth... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.022	7.41 ng	192983	Acenaphthene-d10	9.922

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	91
2		3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	87
3		Ethanone, 1-(5-chloro-2-hydroxyp...	170	C8H7ClO2	001450-74-4	80
4		2-Naphthyl methyl ketone	170	C12H10O	000093-08-3	74
5		Ethanone, 1-(1-Naphthalenyl)-	170	C12H10O	000941-98-0	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062425\
Data File : BF142814.D
Acq On : 24 Jun 2025 11:51
Operator : RC/JU
Sample : Q2388-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-12

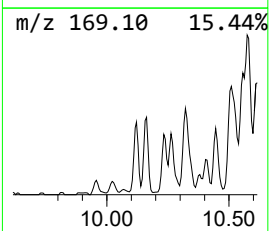
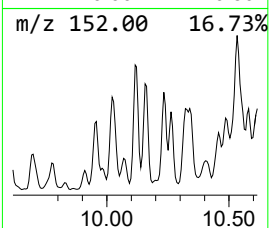
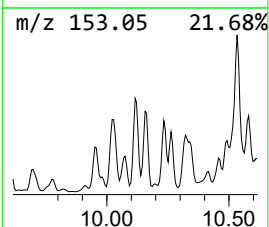
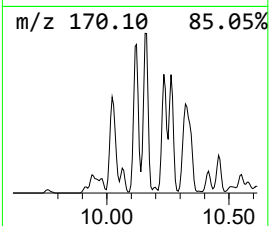
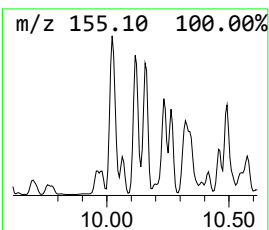
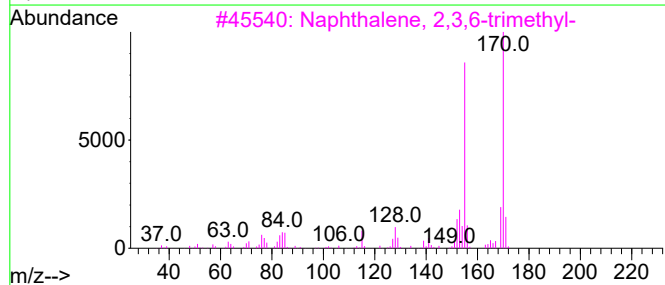
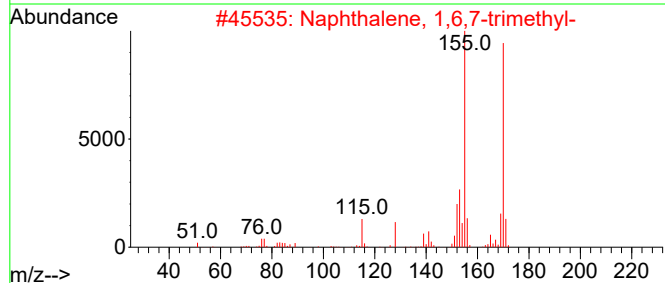
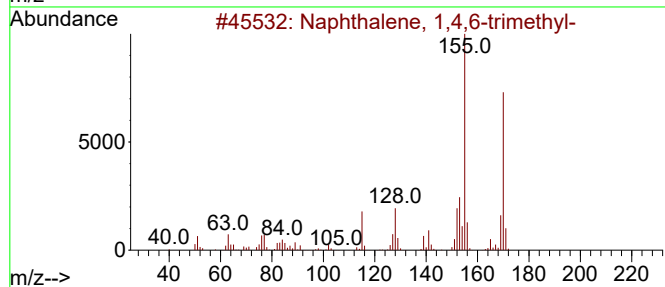
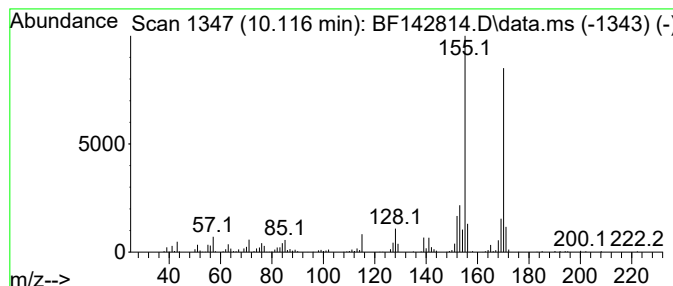
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Naphthalene, 1,4,6-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.116	10.13 ng	263652	Acenaphthene-d10	9.922

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	95
3			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	94
4			4,6,8-Trimethylazulene	170	C13H14	000941-81-1	90
5			3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062425\
Data File : BF142814.D
Acq On : 24 Jun 2025 11:51
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Misc :
ALS Vial : 5 Sample Multiplier: 1

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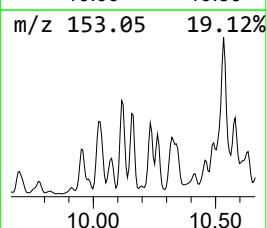
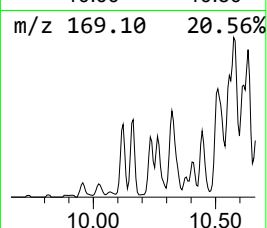
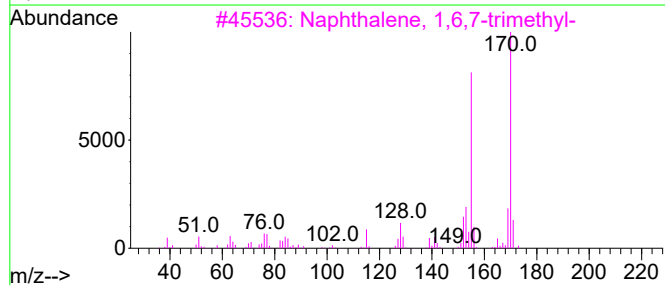
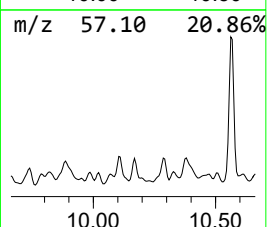
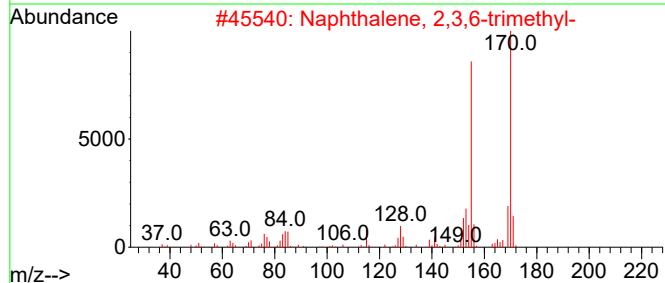
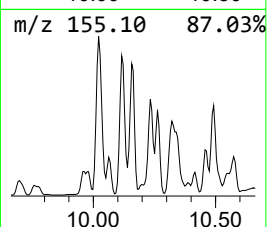
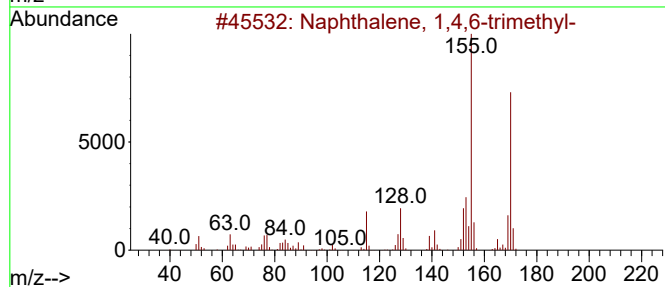
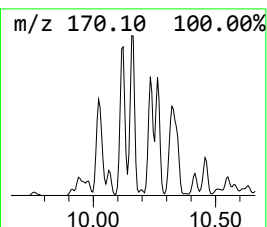
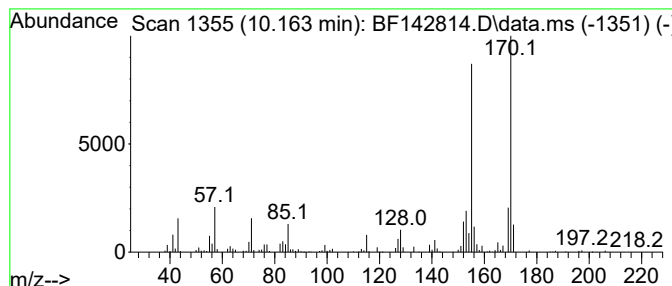
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Naphthalene, 2,3,6-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.163	13.12 ng	341737	Acenaphthene-d10	9.922

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
2			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95
3			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94
4			1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	91
5			3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062425\
Data File : BF142814.D
Acq On : 24 Jun 2025 11:51
Operator : RC/JU
Sample : Q2388-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TP-12

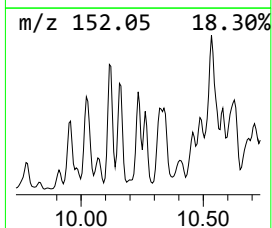
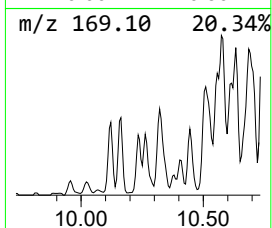
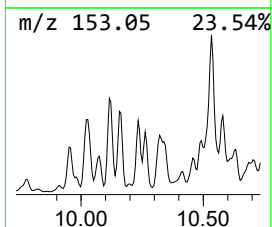
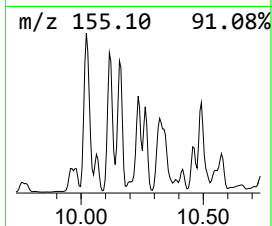
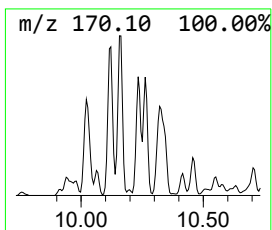
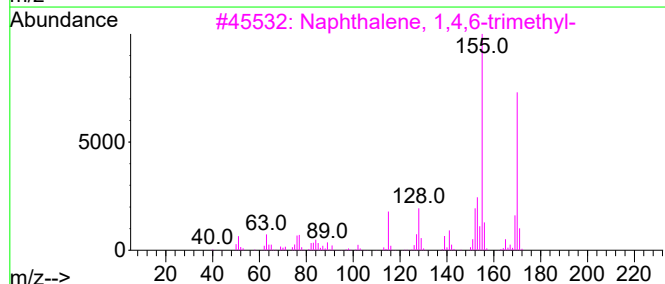
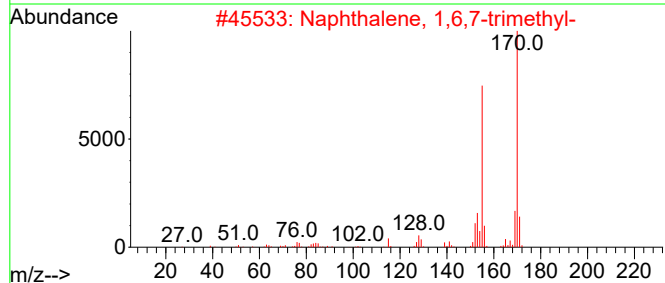
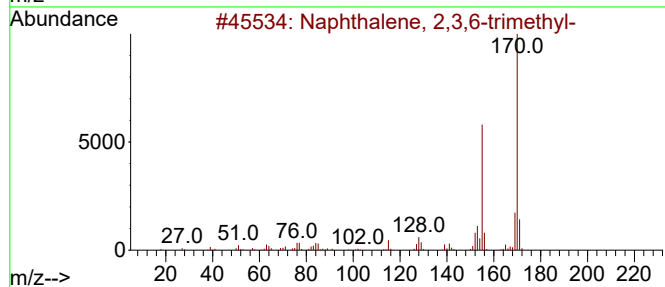
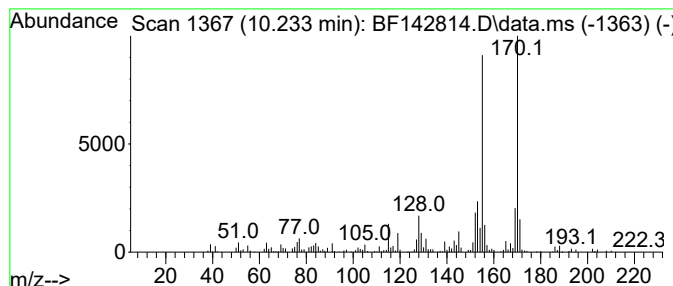
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Naphthalene, 1,6,7-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.233	8.00 ng	208444	Acenaphthene-d10	9.922

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
2			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94
3			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	94
4			4,6,8-Trimethylazulene	170	C13H14	000941-81-1	93
5			Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062425\
Data File : BF142814.D
Acq On : 24 Jun 2025 11:51
Operator : RC/JU
Sample : Q2388-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

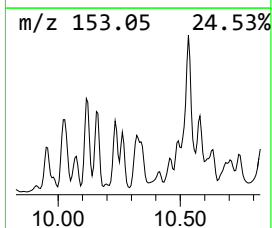
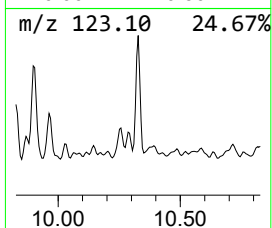
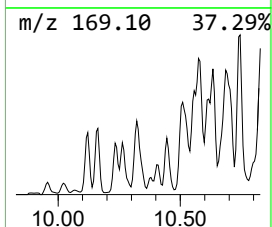
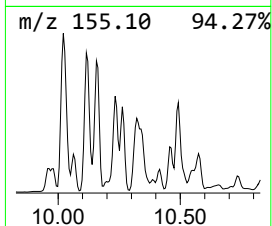
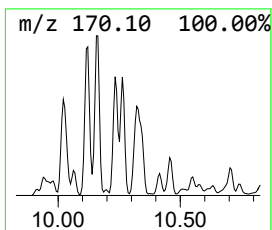
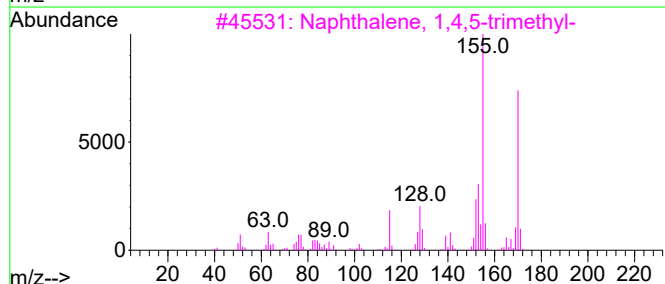
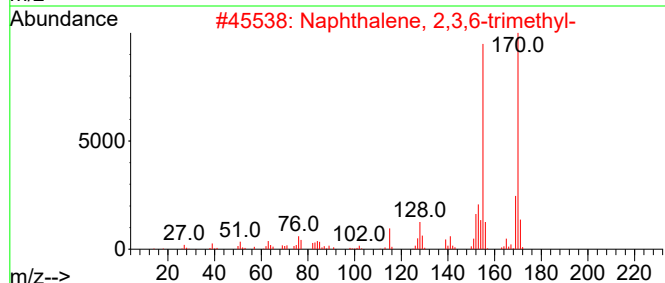
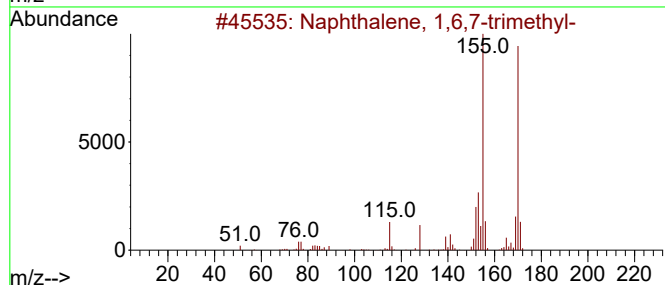
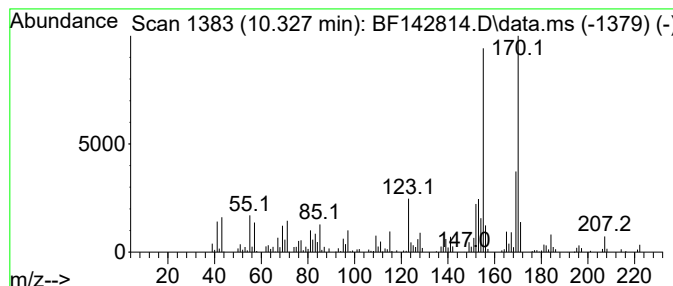
Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Naphthalene, 1,4,5-trimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.327	7.52 ng	195913	Acenaphthene-d10	9.922	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	95
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	93
3	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	90
4	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	81
5	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062425\
Data File : BF142814.D
Acq On : 24 Jun 2025 11:51
Operator : RC/JU
Sample : Q2388-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-12

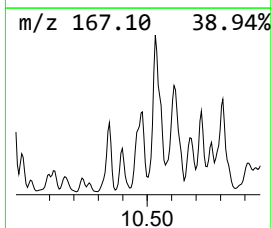
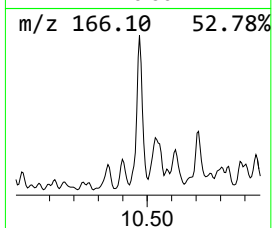
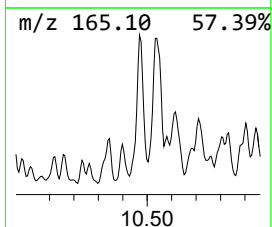
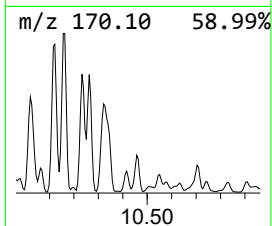
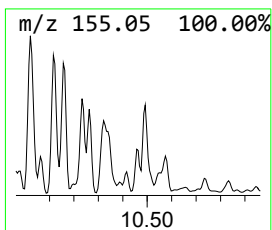
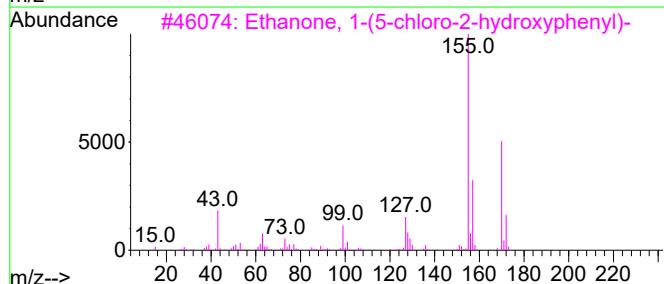
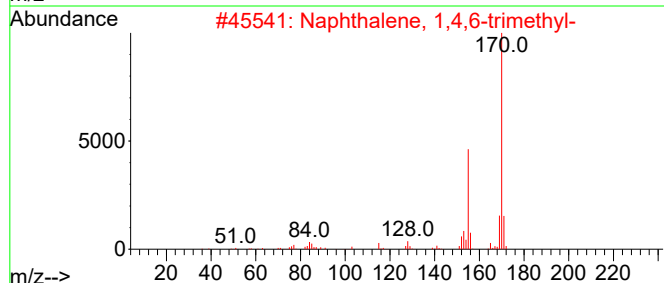
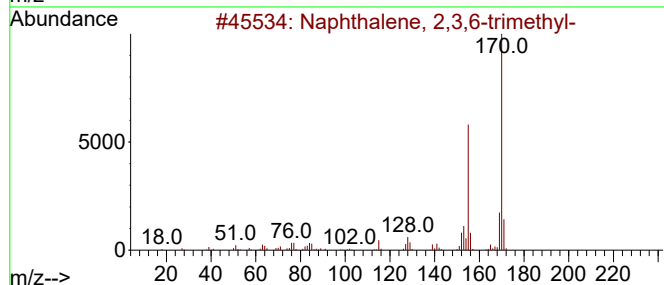
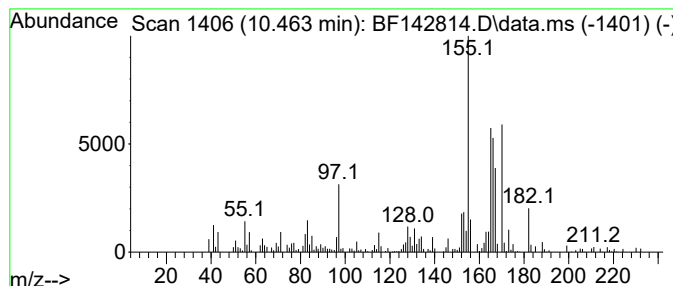
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 unknown10.463 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.463	5.08 ng	132340	Acenaphthene-d10	9.922

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	41
2			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	41
3			Ethanone, 1-(5-chloro-2-hydroxyp...	170	C8H7ClO2	001450-74-4	30
4			2-Naphthyl methyl ketone	170	C12H10O	000093-08-3	30
5			5-Acetyl-2-thiophenecarboxylic acid	170	C7H6O3S	004066-41-5	27



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062425\
Data File : BF142814.D
Acq On : 24 Jun 2025 11:51
Operator : RC/JU
Sample : Q2388-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

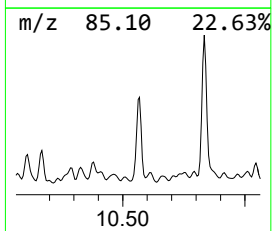
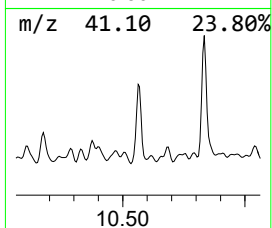
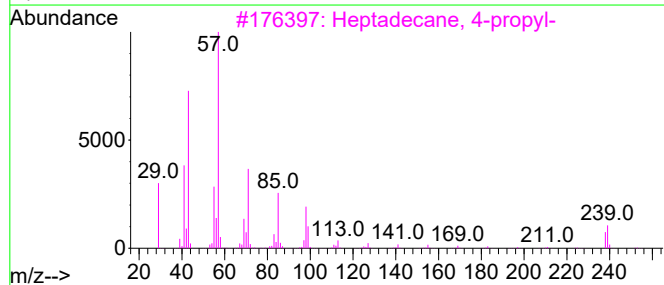
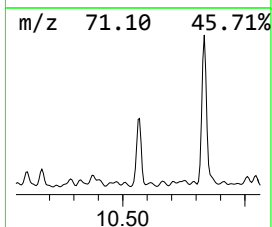
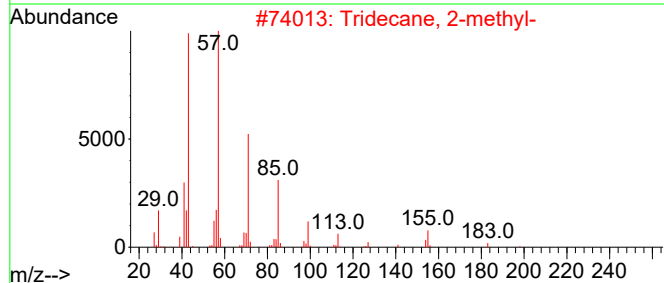
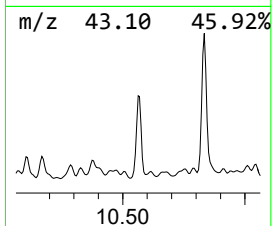
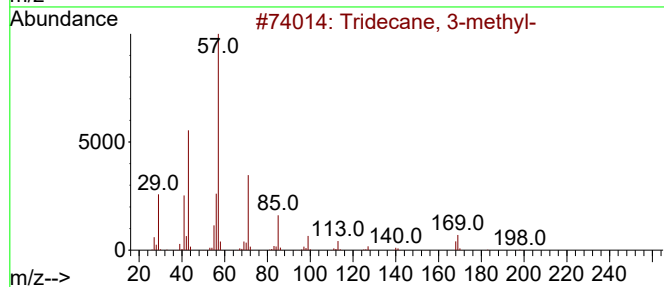
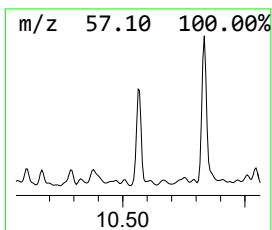
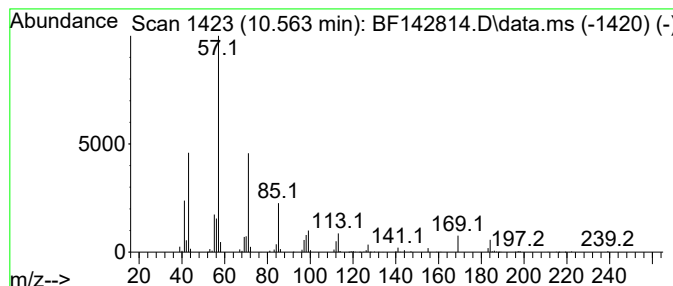
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Tridecane, 3-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD			R.T.
10.563	14.40 ng	375097	Acenaphthene-d10			9.922
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Tridecane, 3-methyl-		198	C14H30	006418-41-3	87
2	Tridecane, 2-methyl-		198	C14H30	001560-96-9	87
3	Heptadecane, 4-propyl-		282	C20H42	055044-10-5	72
4	Octacosane		394	C28H58	000630-02-4	72
5	Hexadecane		226	C16H34	000544-76-3	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062425\
Data File : BF142814.D
Acq On : 24 Jun 2025 11:51
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Sample : Q2388-01
Misc :
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Instrument :
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ClientSampleId :
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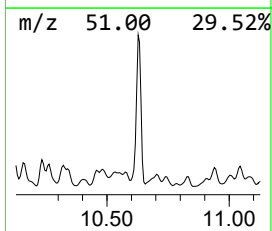
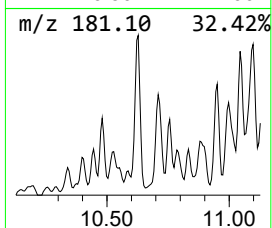
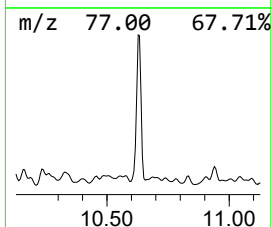
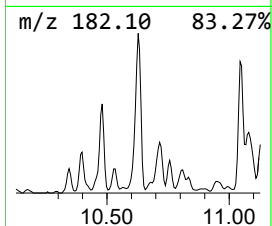
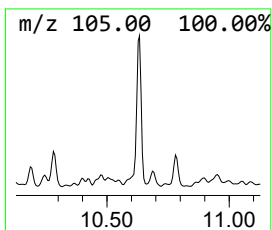
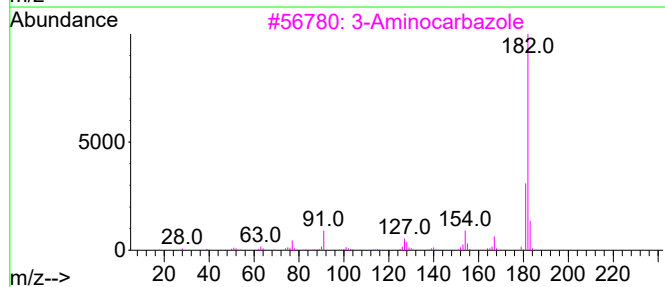
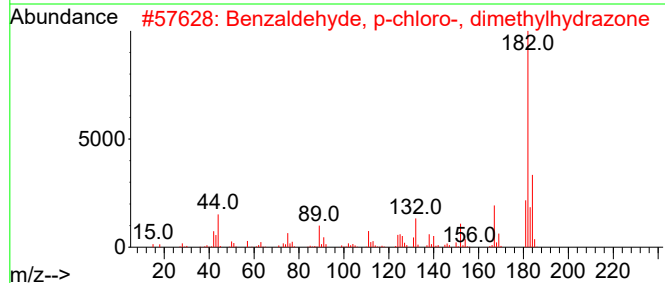
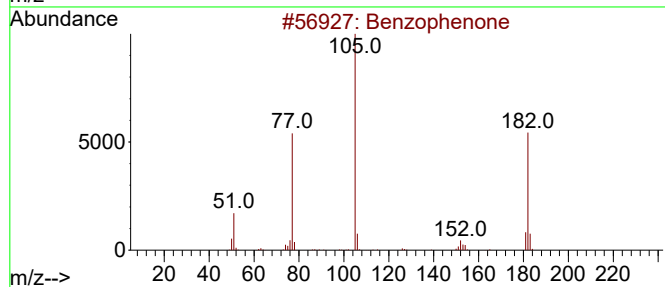
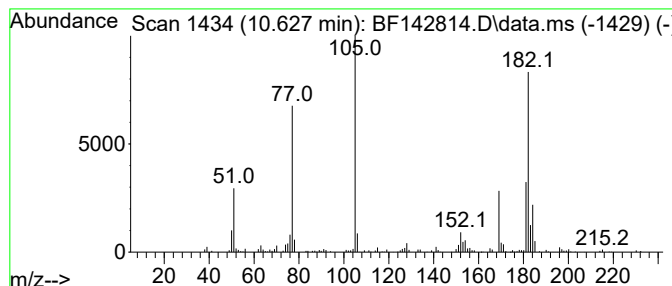
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 Benzophenone Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.627	8.99 ng	234141	Acenaphthene-d10	9.922

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	89
2			Benzaldehyde, p-chloro-, dimethy...	182	C9H11ClN2	022699-29-2	43
3			3-Aminocarbazole	182	C12H10N2	006377-12-4	38
4			4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	38
5			4(1H)-Quinazolinone, 2,3,5,6,7,8...	182	C8H10N2O5	016064-21-4	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062425\
Data File : BF142814.D
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Sample : Q2388-01
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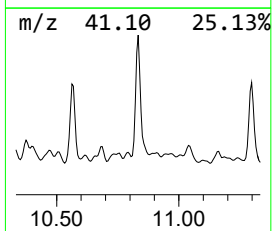
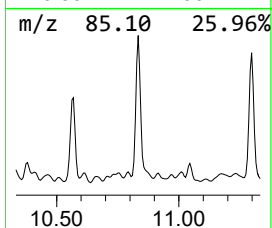
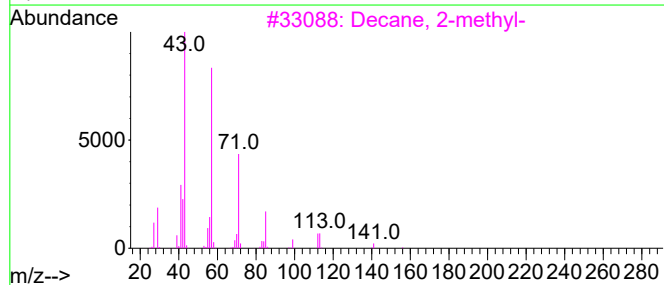
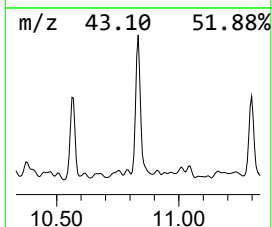
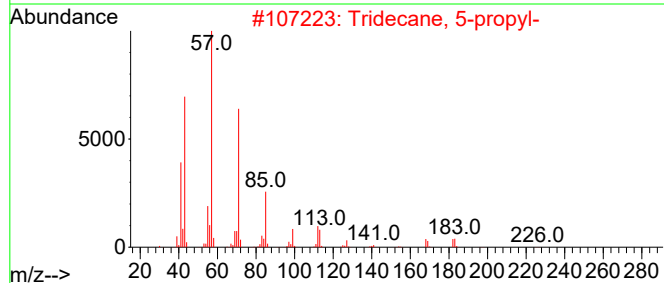
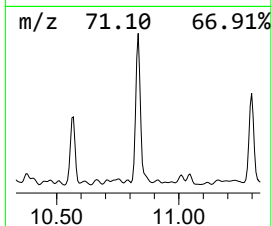
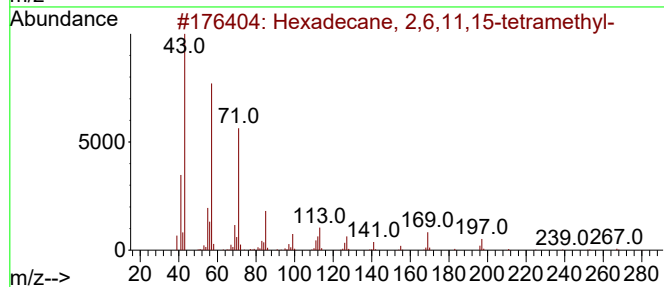
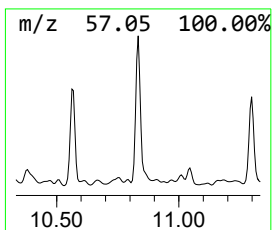
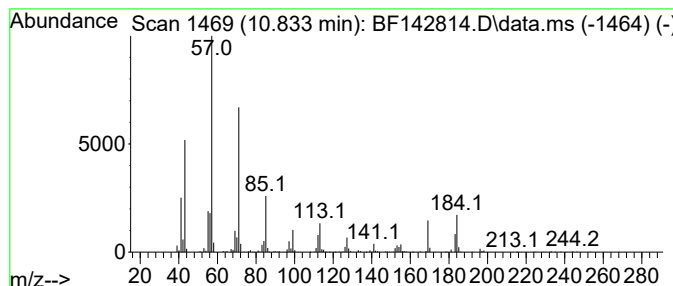
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Hexadecane, 2,6,11,15-tetra... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD		R.T.	
10.833	17.61 ng	578654	Phenanthrene-d10		11.410	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,11,15-tetramethyl-		282	C20H42	000504-44-9	80
2	Tridecane, 5-propyl-		226	C16H34	055045-11-9	72
3	Decane, 2-methyl-		156	C11H24	006975-98-0	70
4	Tridecane, 4-methyl-		198	C14H30	026730-12-1	62
5	Pentadecane, 2,6,10,14-tetramethyl-		268	C19H40	001921-70-6	62



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062425\
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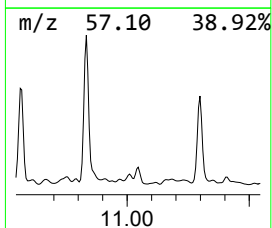
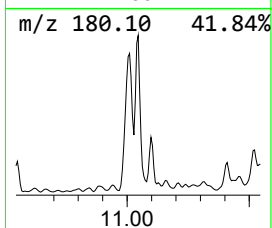
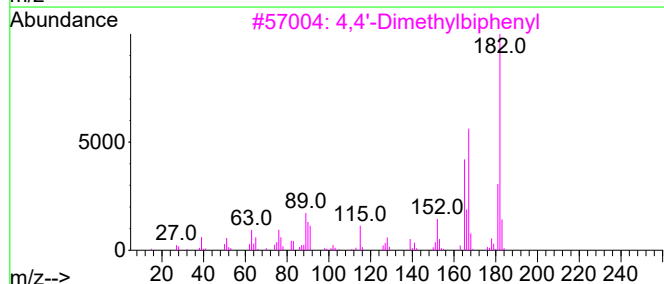
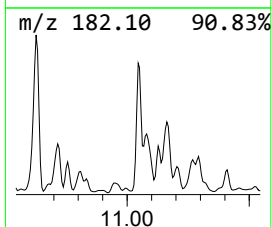
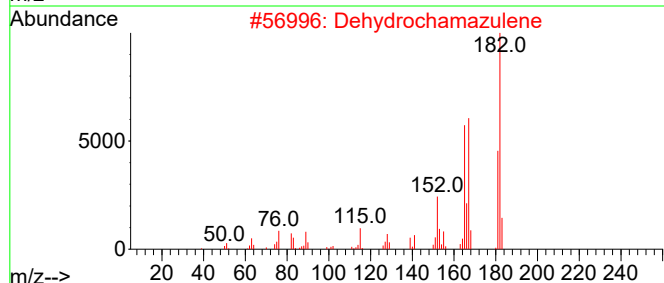
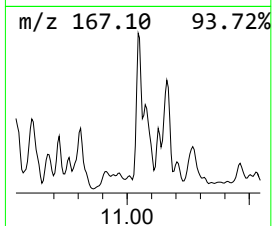
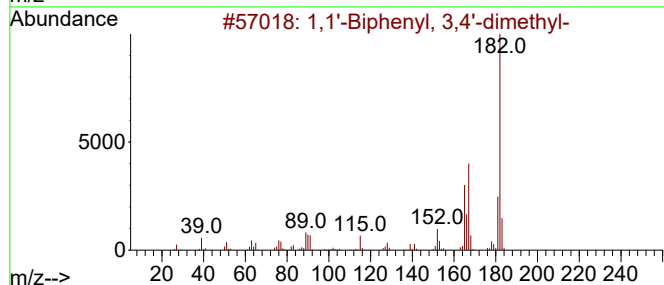
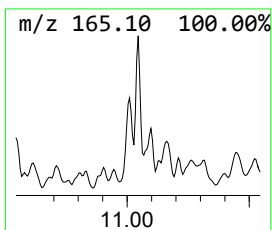
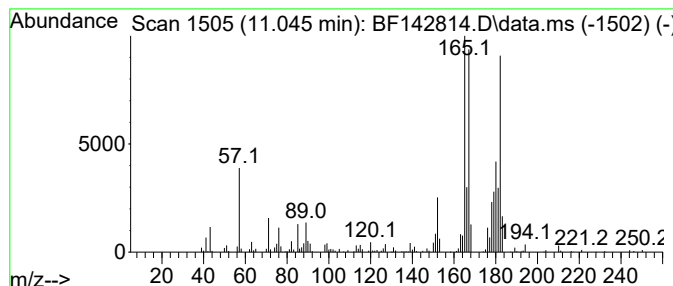
Instrument :
BNA_F
ClientSampleId :
TP-12

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 1,1'-Biphenyl, 3,4'-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.045	4.29 ng	141045	Phenanthrene-d10		11.410	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 3,4'-dimethyl-		182	C14H14	007383-90-6	70
2	Dehydrochamazulene		182	C14H14	321732-25-6	70
3	4,4'-Dimethylbiphenyl		182	C14H14	000613-33-2	68
4	3,3'-Dimethylbiphenyl		182	C14H14	000612-75-9	64
5	1H,2H,3H-Cyclopenta[a]naphthalen...		182	C14H14	001624-22-2	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062425\
Data File : BF142814.D
Acq On : 24 Jun 2025 11:51
Operator : RC/JU
Sample : Q2388-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-12

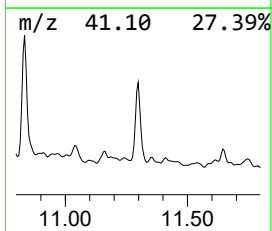
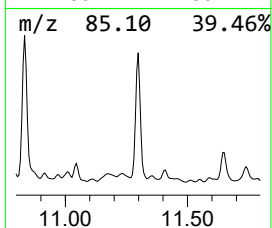
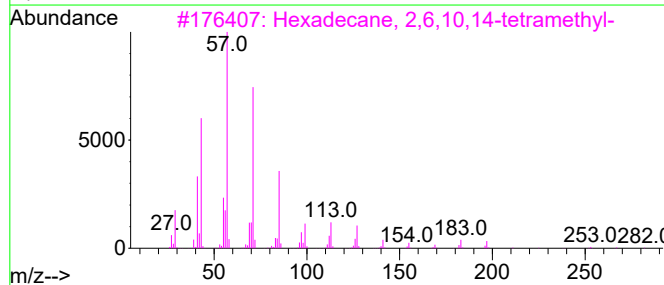
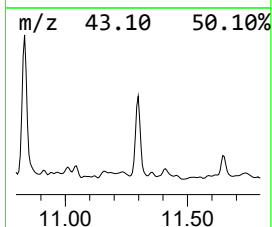
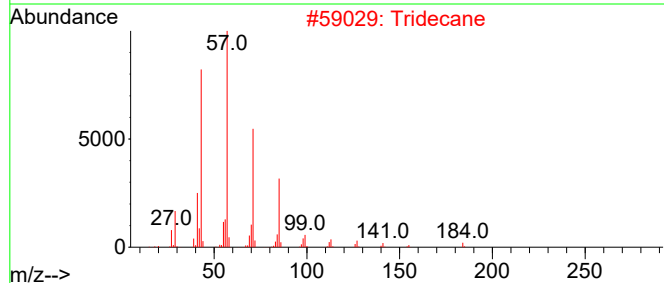
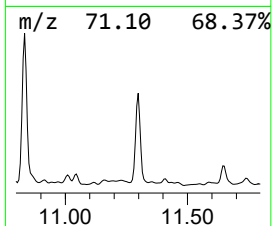
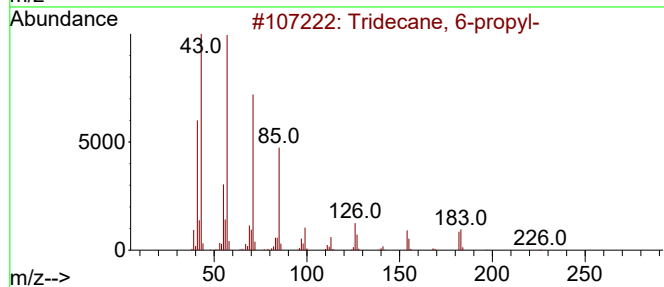
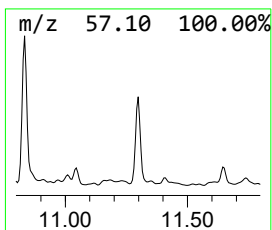
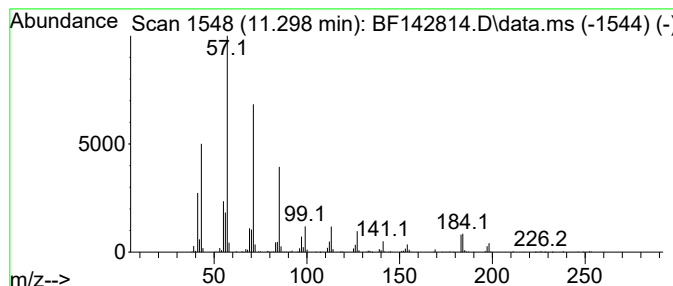
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Tridecane, 6-propyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.298	13.29 ng	436534	Phenanthrene-d10	11.410

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane, 6-propyl-	226	C16H34	055045-10-8	91
2			Tridecane	184	C13H28	000629-50-5	90
3			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	87
4			Heptadecane	240	C17H36	000629-78-7	80
5			Heptacosane	380	C27H56	000593-49-7	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062425\
Data File : BF142814.D
Acq On : 24 Jun 2025 11:51
Operator : RC/JU
Sample : Q2388-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

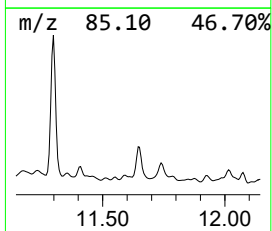
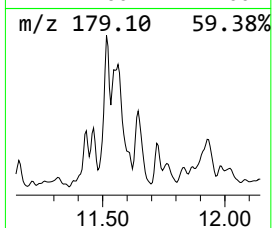
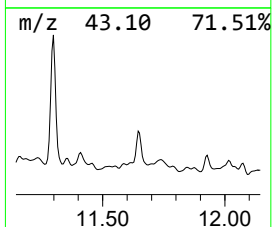
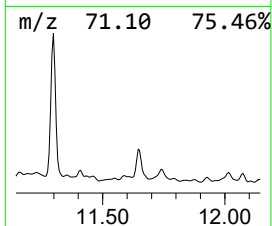
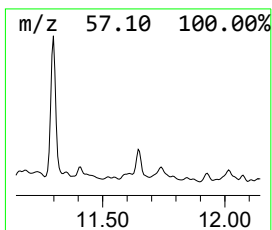
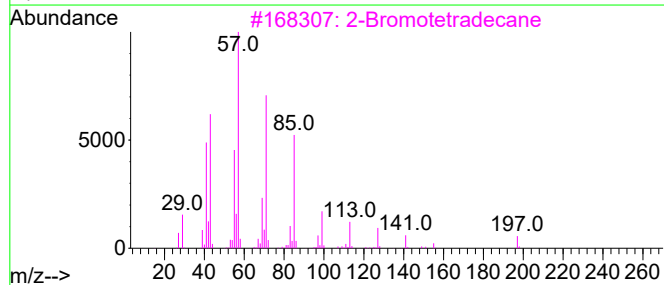
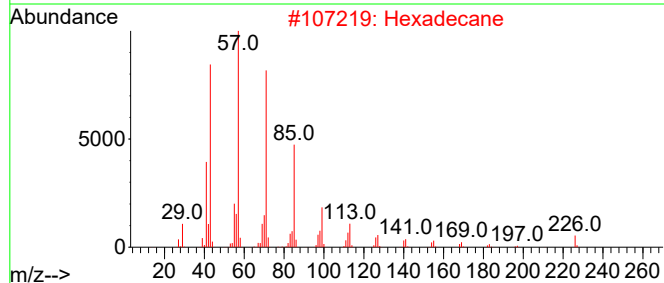
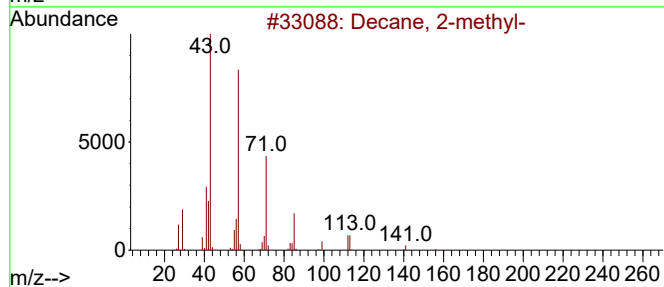
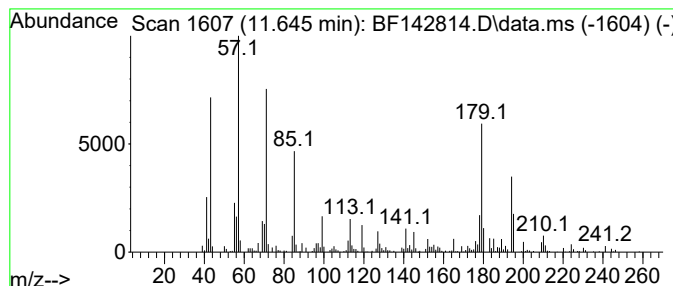
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 unknown11.645 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.645	5.92 ng	194384	Phenanthrene-d10		11.410	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Decane, 2-methyl-		156	C11H24	006975-98-0	45
2	Hexadecane		226	C16H34	000544-76-3	43
3	2-Bromotetradecane		276	C14H29Br	074036-95-6	43
4	Eicosane		282	C20H42	000112-95-8	43
5	Decane, 3-methyl-		156	C11H24	013151-34-3	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062425\
Data File : BF142814.D
Acq On : 24 Jun 2025 11:51
Operator : RC/JU
Sample : Q2388-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-12

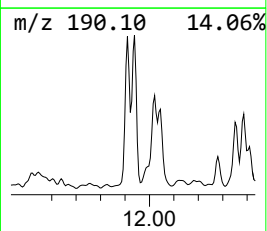
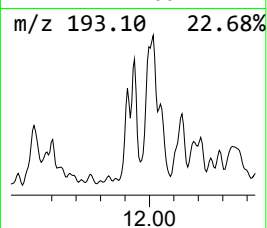
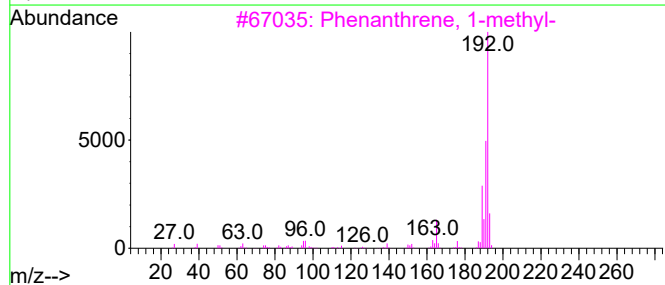
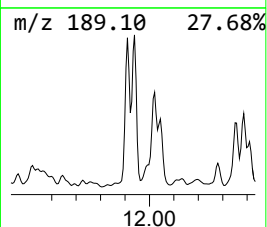
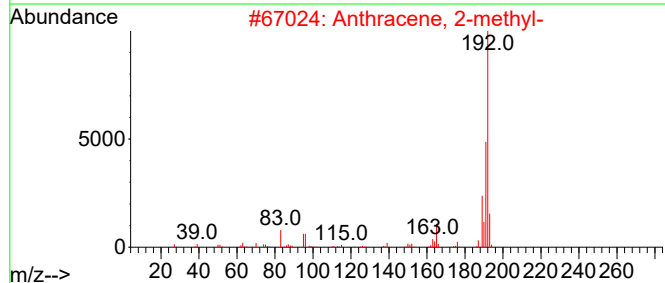
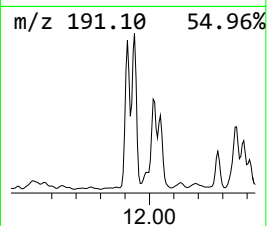
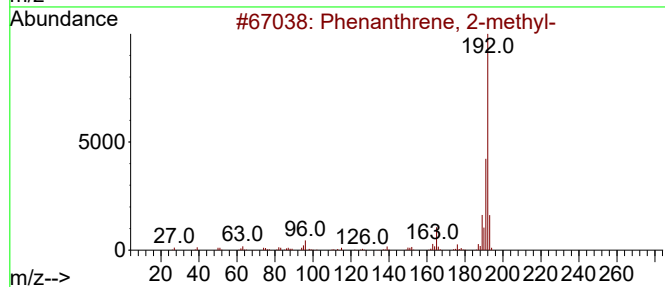
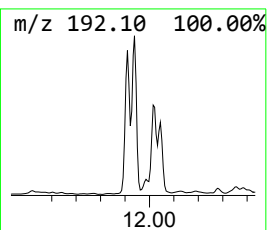
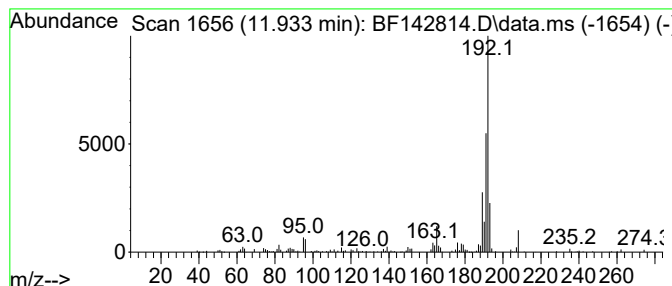
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Phenanthrene, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.933	4.96 ng	162948	Phenanthrene-d10	11.410

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2		Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4		Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	93
5		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062425\
Data File : BF142814.D
Acq On : 24 Jun 2025 11:51
Operator : RC/JU
Sample : Q2388-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-12

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.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
Naphthalene, 1,...	8.986	9.0	ng	301444	2	8.163	668857	20.0
Dodecane, 2,7,1...	9.180	9.2	ng	238250	3	9.922	520793	20.0
Dodecane, 1-flu...	9.322	4.7	ng	123212	3	9.922	520793	20.0
Naphthalene, 1,...	9.504	7.8	ng	203201	3	9.922	520793	20.0
Naphthalene, 1,...	9.575	11.4	ng	295834	3	9.922	520793	20.0
Hexadecane	9.633	12.9	ng	336657	3	9.922	520793	20.0
Naphthalene, 1,...	9.698	4.2	ng	110042	3	9.922	520793	20.0
Naphthalene, 2-...	10.022	7.4	ng	192983	3	9.922	520793	20.0
Naphthalene, 1,...	10.116	10.1	ng	263652	3	9.922	520793	20.0
Naphthalene, 2,...	10.163	13.1	ng	341737	3	9.922	520793	20.0
Naphthalene, 1,...	10.233	8.0	ng	208444	3	9.922	520793	20.0
Naphthalene, 1,...	10.327	7.5	ng	195913	3	9.922	520793	20.0
unknown10.463	10.463	5.1	ng	132340	3	9.922	520793	20.0
Tridecane, 3-me...	10.563	14.4	ng	375097	3	9.922	520793	20.0
Benzophenone	10.627	9.0	ng	234141	3	9.922	520793	20.0
Hexadecane, 2,6...	10.833	17.6	ng	578654	4	11.410	657055	20.0
1,1'-Biphenyl, ...	11.045	4.3	ng	141045	4	11.410	657055	20.0
Tridecane, 6-pr...	11.298	13.3	ng	436534	4	11.410	657055	20.0
unknown11.645	11.645	5.9	ng	194384	4	11.410	657055	20.0
Phenanthrene, 2...	11.933	5.0	ng	162948	4	11.410	657055	20.0