

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020525\
 Data File : BF141469.D
 Acq On : 06 Feb 2025 00:59
 Operator : RC/JU
 Sample : Q1288-04 5X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-04-020425

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-BF012925.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF141469.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.787	283	288	296	rVB	5911	10324	1.22%	0.090%
2	5.410	559	564	580	rBV	164575	235187	27.87%	2.060%
3	6.428	733	737	751	rBV	155977	242082	28.69%	2.120%
4	6.622	765	770	777	rBV2	28286	45158	5.35%	0.396%
5	6.792	793	799	805	rBV	272395	362584	42.97%	3.176%
6	6.845	805	808	812	rVB	11520	14153	1.68%	0.124%
7	6.940	820	824	827	rBV2	8290	10480	1.24%	0.092%
8	7.069	834	846	849	rBV2	23275	45253	5.36%	0.396%
9	7.110	849	853	855	rBV2	16324	23838	2.83%	0.209%
10	7.181	860	865	870	rBV2	27956	38795	4.60%	0.340%
11	7.257	875	878	880	rBV	9354	12325	1.46%	0.108%
12	7.351	885	894	897	rBV2	110395	191264	22.67%	1.675%
13	7.387	897	900	904	rVB	107016	127254	15.08%	1.115%
14	7.439	904	909	912	rVB4	23159	31453	3.73%	0.276%
15	7.475	912	915	917	rBV2	9651	12190	1.44%	0.107%
16	7.592	925	935	945	rVB3	45088	114827	13.61%	1.006%
17	7.698	945	953	954	rBV4	29493	58768	6.96%	0.515%
18	7.757	959	963	966	rVV2	37712	57029	6.76%	0.500%
19	7.816	966	973	979	rVV7	49221	145370	17.23%	1.273%
20	7.869	979	982	984	rVV	24194	31490	3.73%	0.276%
21	7.910	987	989	992	rVB	29189	30086	3.57%	0.264%
22	7.945	992	995	997	rVB	11789	11756	1.39%	0.103%
23	7.975	997	1000	1004	rVB2	13944	14515	1.72%	0.127%
24	8.069	1004	1016	1023	rBV2	393745	843805	100.00%	7.391%
25	8.134	1023	1027	1030	rVV2	61442	87725	10.40%	0.768%
26	8.163	1030	1032	1039	rVB5	27715	44710	5.30%	0.392%
27	8.245	1040	1046	1047	rBV4	22773	38490	4.56%	0.337%
28	8.269	1047	1050	1054	rVB2	40891	51597	6.11%	0.452%
29	8.316	1054	1058	1061	rBV3	18839	29680	3.52%	0.260%
30	8.369	1061	1067	1073	rBV7	60043	113346	13.43%	0.993%
31	8.422	1073	1076	1078	rBV2	34985	37491	4.44%	0.328%
32	8.451	1078	1081	1085	rVV3	51100	63006	7.47%	0.552%
33	8.492	1085	1088	1094	rVB	65400	88966	10.54%	0.779%
34	8.575	1099	1102	1106	rBV2	87462	116166	13.77%	1.018%
35	8.663	1113	1117	1122	rBV	267343	347856	41.22%	3.047%
36	8.734	1126	1129	1131	rVV2	25951	31173	3.69%	0.273%

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Integrator: RTE

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Stop Thrs : 0

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

Peak separation: 5

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	8.828	1141	1145	1147	rBV4	15845	22449	2.66%	0.197%
38	8.898	1152	1157	1162	rVV4	81127	131791	15.62%	1.154%
39	8.951	1163	1166	1169	rBV5	21444	31982	3.79%	0.280%
40	9.028	1175	1179	1183	rVB3	61350	96306	11.41%	0.844%

41	9.069	1183	1186	1187	rBV	29357	28842	3.42%	0.253%
42	9.092	1187	1190	1195	rVV3	71364	105636	12.52%	0.925%
43	9.145	1195	1199	1204	rVB	186132	223759	26.52%	1.960%
44	9.228	1209	1213	1218	rBV	293534	405690	48.08%	3.554%
45	9.298	1222	1225	1231	rVB	53474	75633	8.96%	0.662%

46	9.486	1250	1257	1259	rBV5	59712	130306	15.44%	1.141%
47	9.551	1263	1268	1270	rBV4	94895	148543	17.60%	1.301%
48	9.610	1275	1278	1281	rVB	59617	70003	8.30%	0.613%
49	9.692	1289	1292	1296	rBV4	17841	28659	3.40%	0.251%
50	9.763	1299	1304	1308	rVV	279181	362162	42.92%	3.172%

51	9.828	1308	1315	1319	rVV	342018	465650	55.18%	4.079%
52	9.998	1339	1344	1345	rBV	43447	65945	7.82%	0.578%
53	10.080	1355	1358	1362	rBV4	53034	68968	8.17%	0.604%
54	10.151	1367	1370	1376	rBV7	17035	33728	4.00%	0.295%
55	10.263	1384	1389	1393	rBV	272624	351695	41.68%	3.081%

56	10.480	1421	1426	1432	rBV	96620	155923	18.48%	1.366%
57	10.539	1432	1436	1439	rBV2	43445	60179	7.13%	0.527%
58	10.616	1444	1449	1453	rVB2	97372	144756	17.16%	1.268%
59	10.733	1465	1469	1478	rVB	290060	452418	53.62%	3.963%
60	10.927	1499	1502	1504	rBV	25235	34902	4.14%	0.306%

61	11.180	1541	1545	1549	rBV	221192	312678	37.06%	2.739%
62	11.210	1549	1550	1556	rVB	92011	105576	12.51%	0.925%
63	11.316	1563	1568	1578	rBV2	350434	612494	72.59%	5.365%
64	11.492	1595	1598	1601	rBV	21493	23270	2.76%	0.204%
65	11.610	1614	1618	1622	rBV	199528	235600	27.92%	2.064%

66	11.774	1643	1646	1650	rBV3	20628	35700	4.23%	0.313%
67	11.845	1655	1658	1661	rVB	26482	29995	3.55%	0.263%
68	12.016	1683	1687	1692	rVB	159863	197278	23.38%	1.728%
69	12.298	1732	1735	1743	rVB	22052	27941	3.31%	0.245%
70	12.369	1744	1747	1750	rVV2	20022	25277	3.00%	0.221%

71	12.404	1750	1753	1758	rVB	126467	161350	19.12%	1.413%
72	12.527	1770	1774	1781	rBV	204678	268478	31.82%	2.352%
73	12.757	1807	1813	1821	rBV2	189047	376643	44.64%	3.299%
74	12.898	1833	1837	1845	rVB	211206	312253	37.01%	2.735%
75	13.139	1874	1878	1882	rBV2	56037	79707	9.45%	0.698%

76	13.480	1932	1936	1944	rBV	40584	67974	8.06%	0.595%
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ClientSampleId :
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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-BF012925.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	13.804	1988	1991	1996	rVB2	34596	45532	5.40%	0.399%
78	13.957	2011	2017	2028	rVB2	311335	563302	66.76%	4.934%
79	14.998	2190	2194	2202	rVB	67437	141164	16.73%	1.236%
80	15.351	2251	2254	2259	rVB	44722	60684	7.19%	0.532%
81	15.415	2260	2265	2276	rVV	157559	277451	32.88%	2.430%

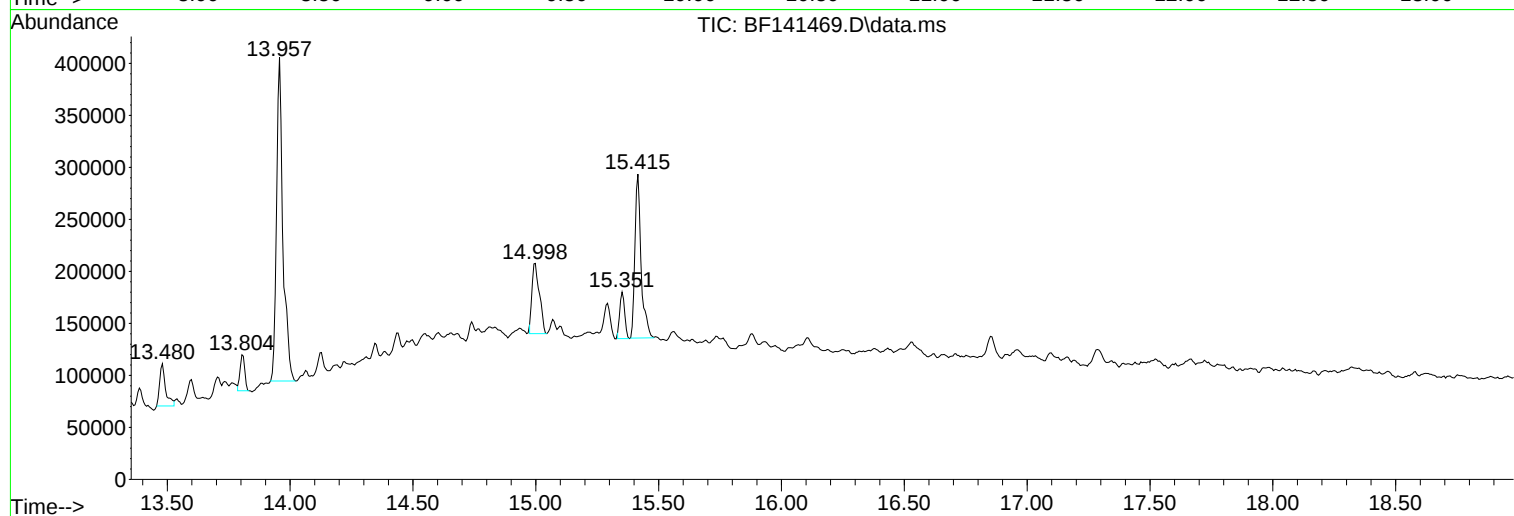
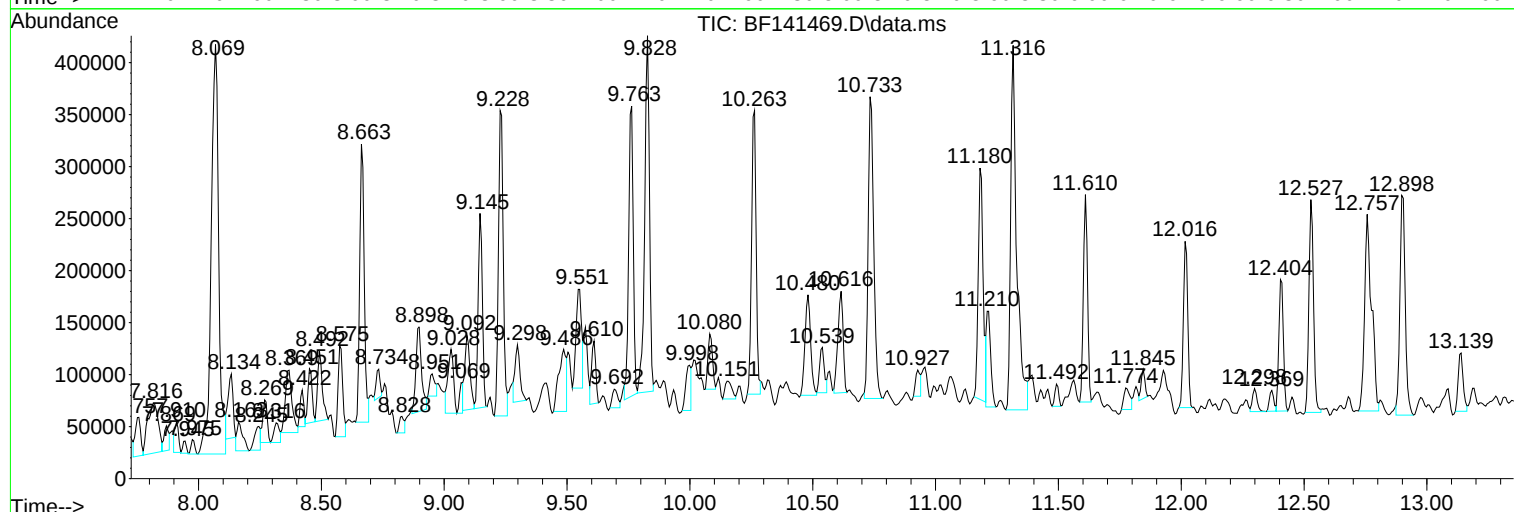
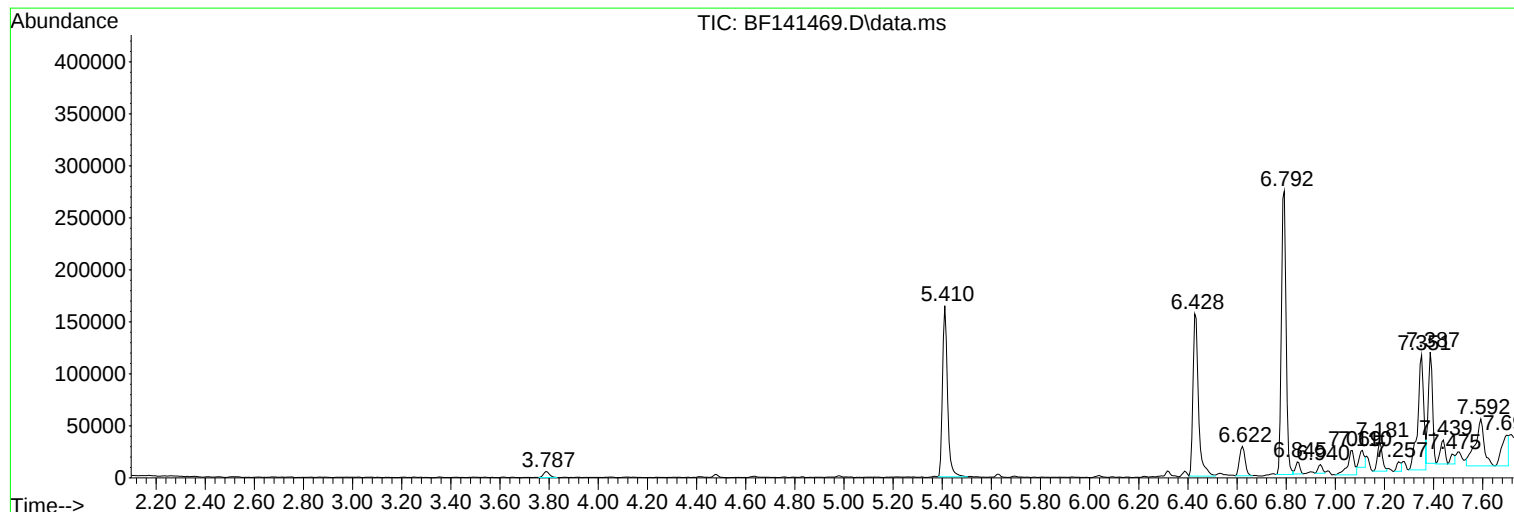
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Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020525\
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Operator : RC/JU
Sample : Q1288-04 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
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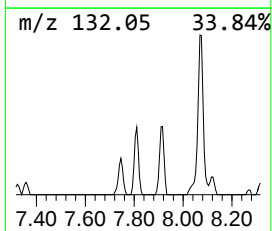
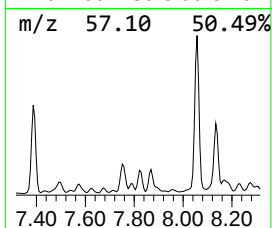
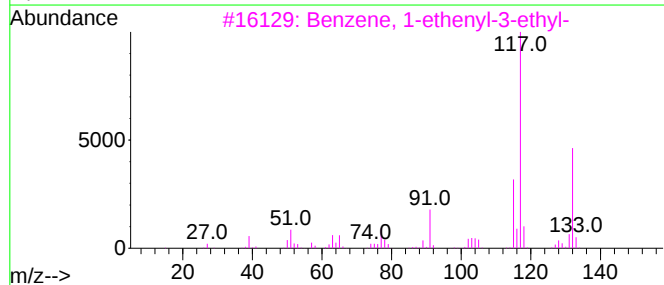
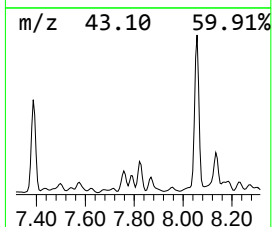
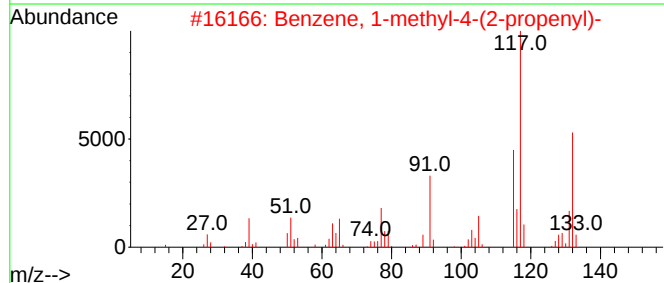
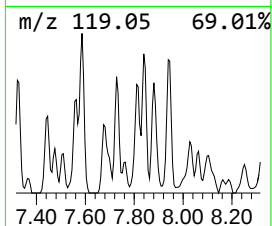
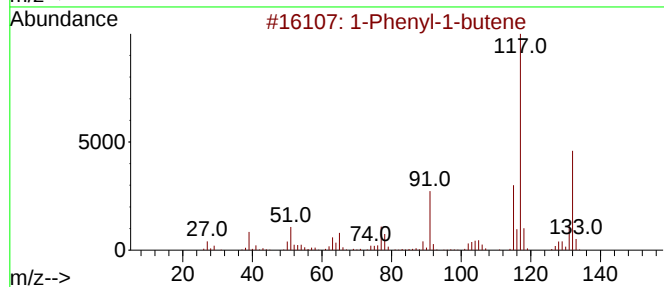
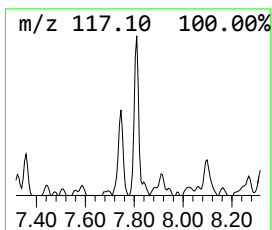
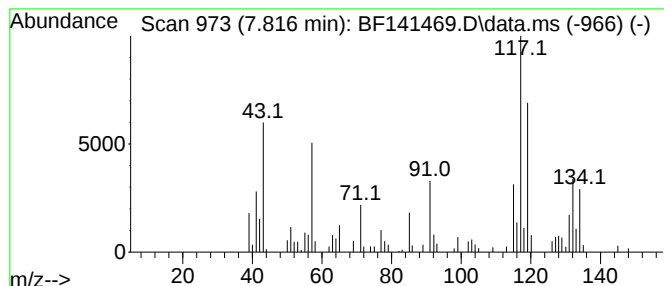
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 1-Phenyl-1-butene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.816	3.45 ng	145370	Naphthalene-d8	8.075

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Phenyl-1-butene	132	C10H12	000824-90-8	91
2			Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	64
3			Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	64
4			Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	64
5			1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	60



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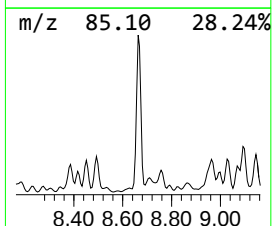
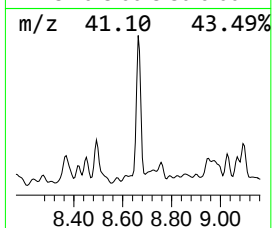
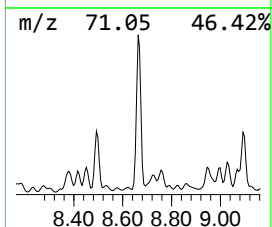
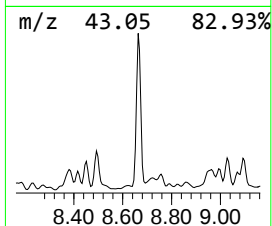
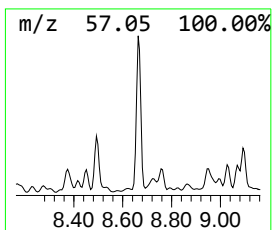
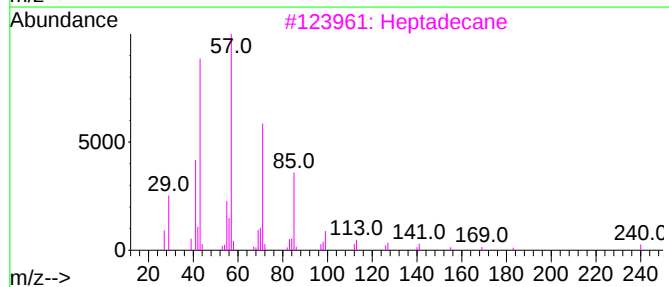
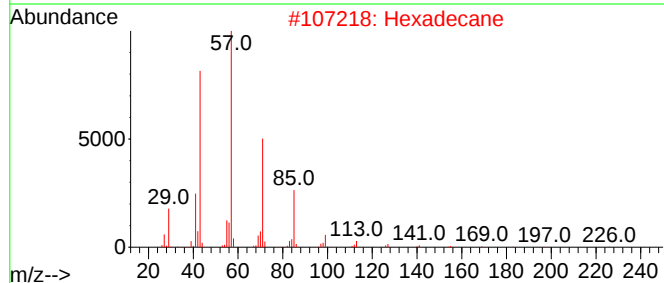
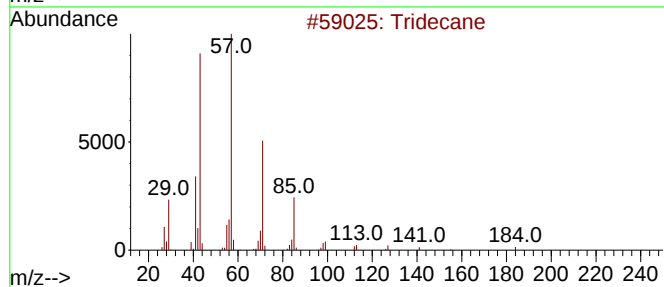
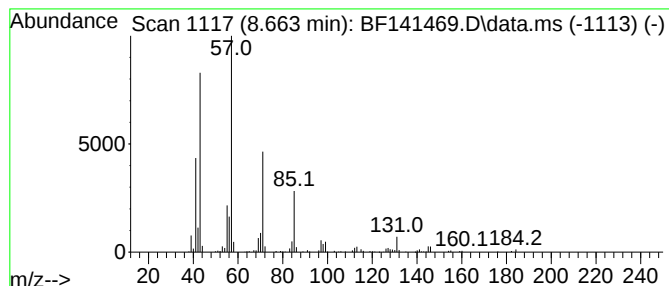
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Tridecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.663	8.24 ng	347856	Naphthalene-d8	8.075

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	94
2			Hexadecane	226	C16H34	000544-76-3	86
3			Heptadecane	240	C17H36	000629-78-7	86
4			Dodecane	170	C12H26	000112-40-3	86
5			Tetradecane	198	C14H30	000629-59-4	86



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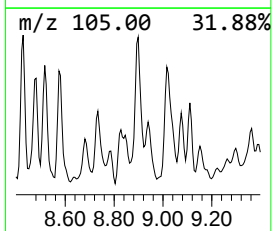
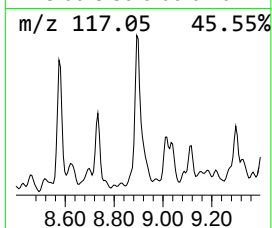
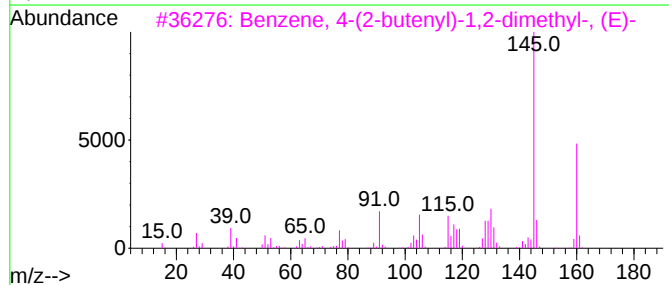
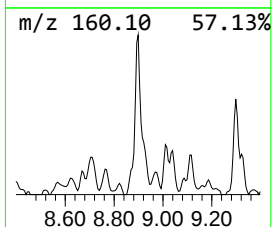
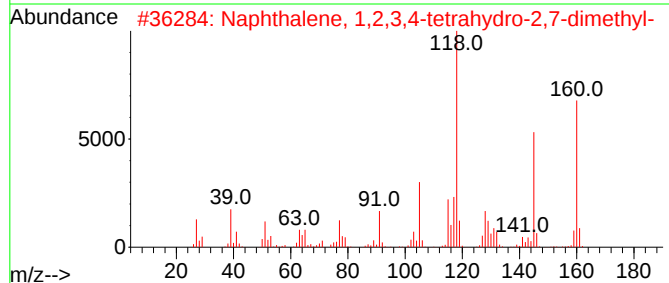
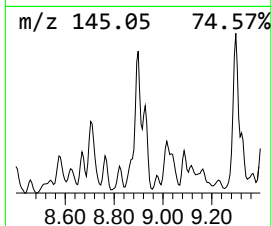
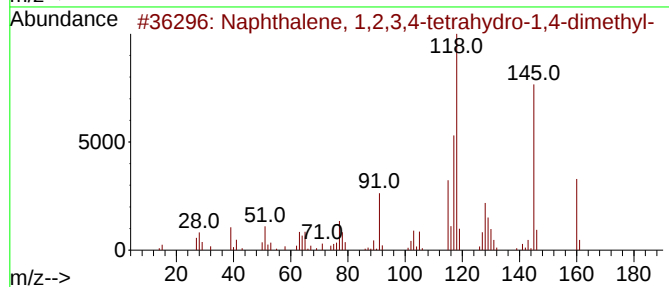
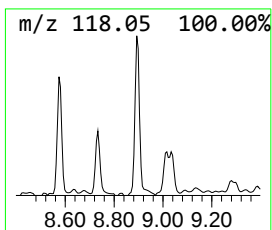
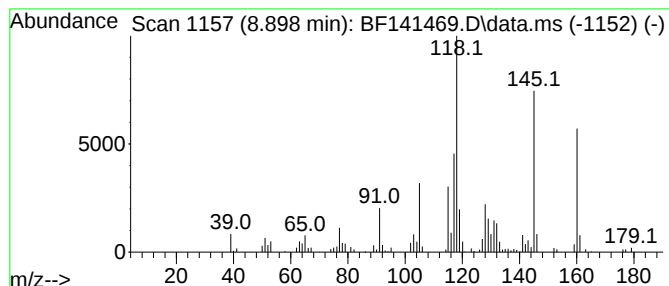
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.898	3.12 ng	131791	Naphthalene-d8	8.075

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	91
2			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	81
3			Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	78
4			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	007524-63-2	76
5			4-Chloro-3-fluoroanisole	160	C7H6ClFO	000501-29-1	60



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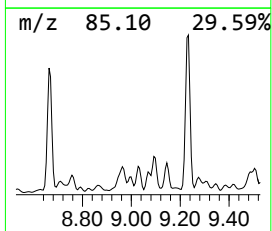
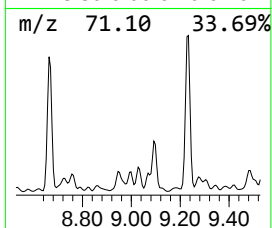
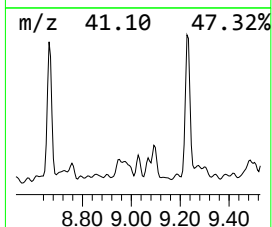
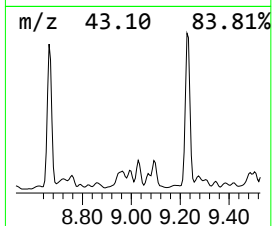
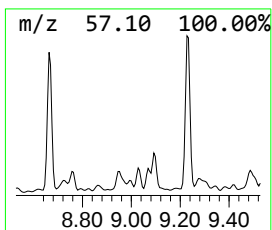
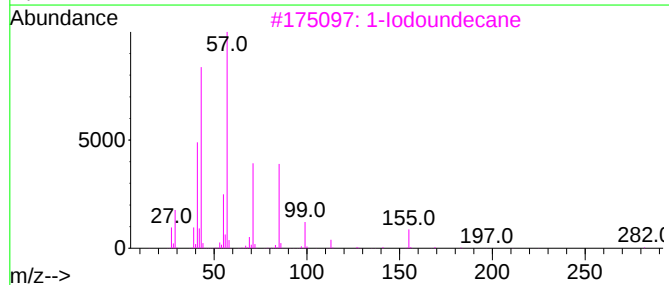
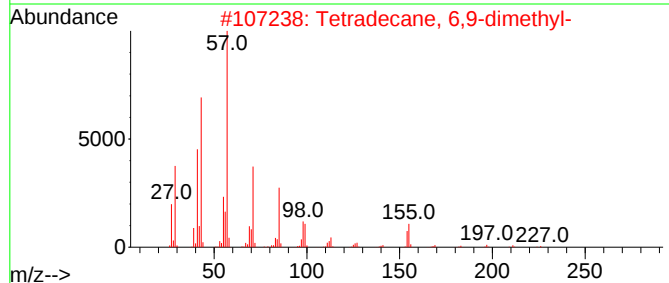
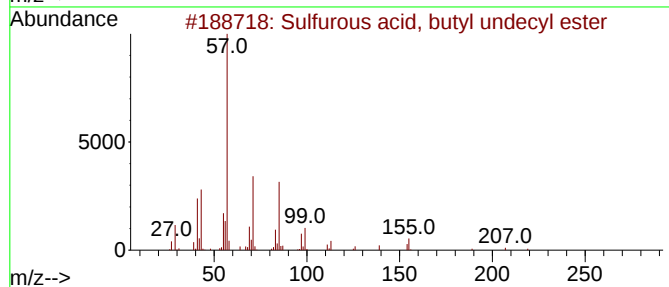
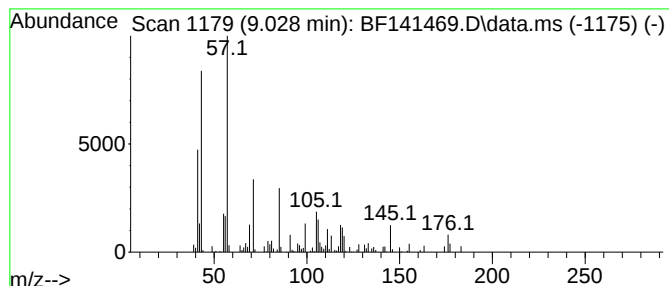
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 unknown9.028 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.028	4.14 ng	96306	Acenaphthene-d10	9.828

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfurous acid, butyl undecyl ester	292	C15H32O3S	1000309-17-8	46
2			Tetradecane, 6,9-dimethyl-	226	C16H34	055045-13-1	43
3			1-Iodoundecane	282	C11H23I	004282-44-4	43
4			Oxalic acid, bis(6-ethyloct-3-yl...)	370	C22H42O4	1000309-34-6	35
5			Sulfurous acid, 2-propyl tridecy...	306	C16H34O3S	1000309-12-4	35



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020525\
Data File : BF141469.D
Acq On : 06 Feb 2025 00:59
Operator : RC/JU
Sample : Q1288-04 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-04-020425

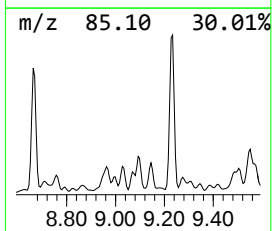
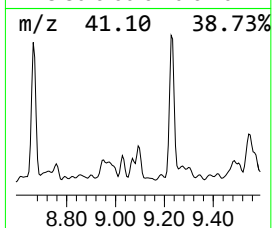
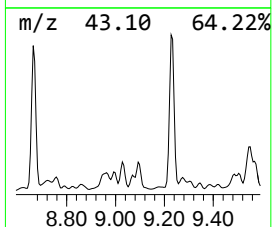
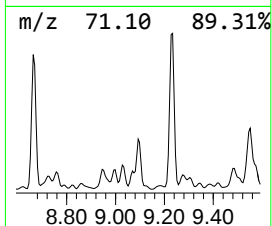
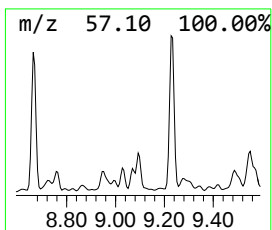
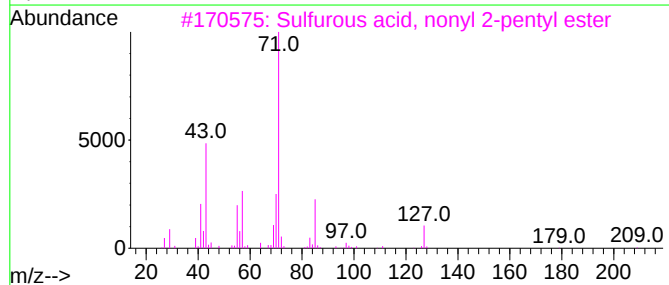
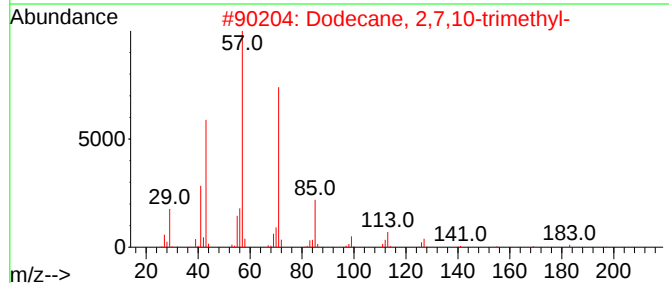
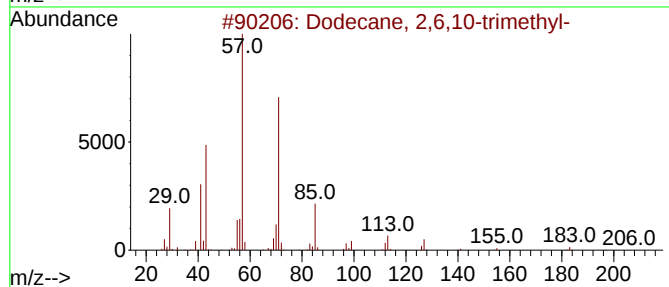
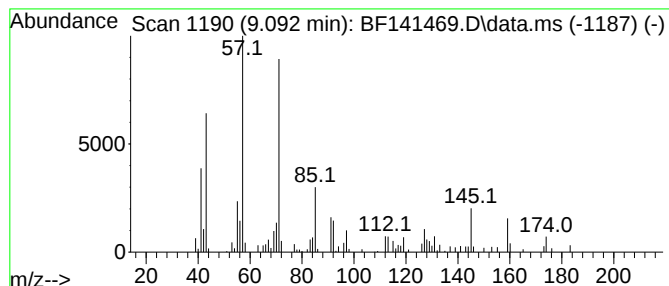
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Dodecane, 2,6,10-trimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.092	4.54 ng	105636	Acenaphthene-d10	9.828

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	58
2			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	50
3			Sulfurous acid, nonyl 2-pentyl e...	278	C14H30O3S	1010309-15-8	49
4			Sulfurous acid, nonyl pentyl ester	278	C14H30O3S	1000309-14-2	47
5			Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020525\
Data File : BF141469.D
Acq On : 06 Feb 2025 00:59
Operator : RC/JU
Sample : Q1288-04 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-04-020425

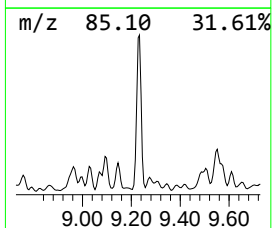
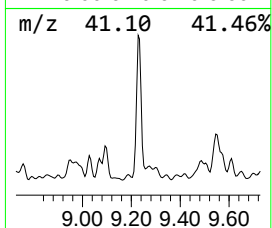
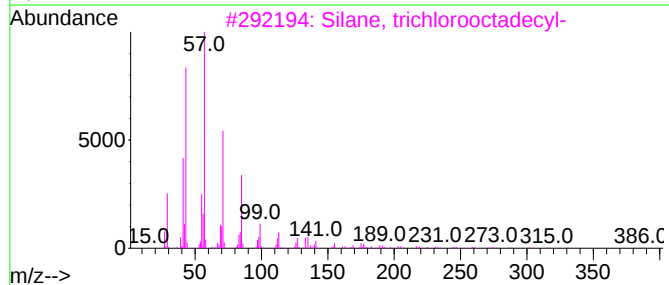
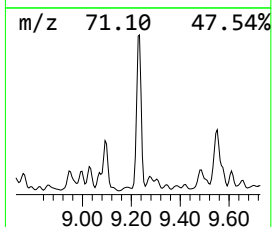
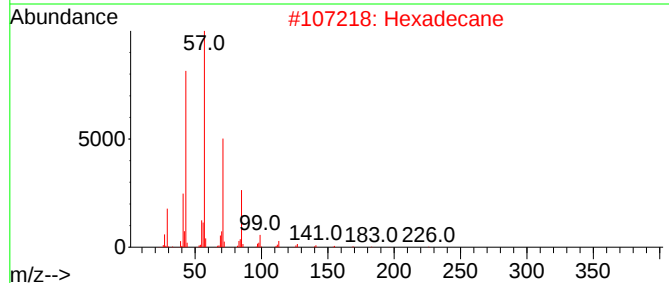
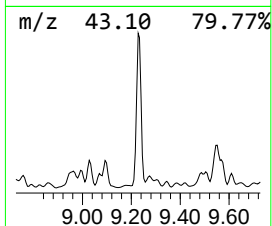
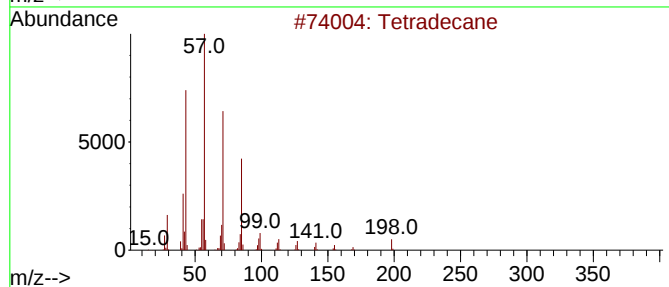
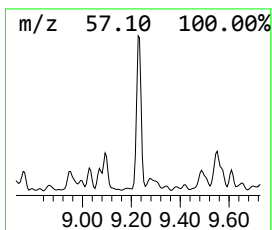
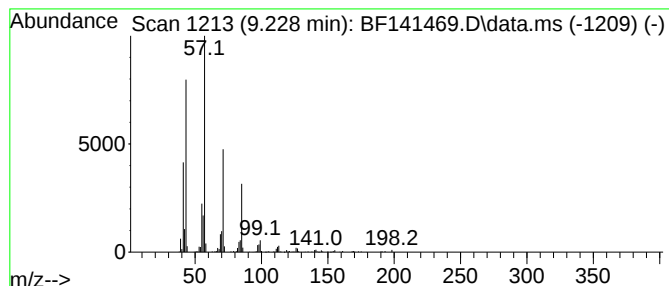
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Tetradecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.228	17.42 ng	405690	Acenaphthene-d10	9.828

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecane	198	C14H30	000629-59-4	95
2		Hexadecane	226	C16H34	000544-76-3	91
3		Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	90
4		Nonadecane	268	C19H40	000629-92-5	90
5		Undecane	156	C11H24	001120-21-4	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020525\
Data File : BF141469.D
Acq On : 06 Feb 2025 00:59
Operator : RC/JU
Sample : Q1288-04 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-04-020425

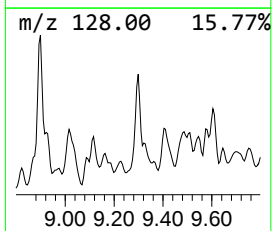
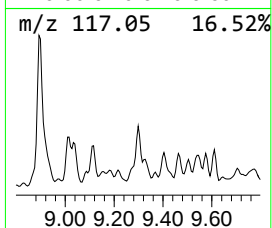
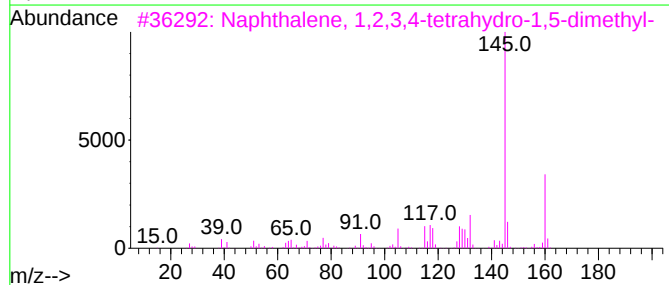
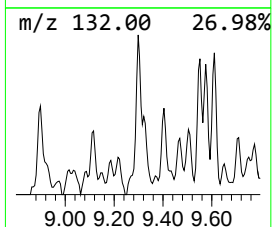
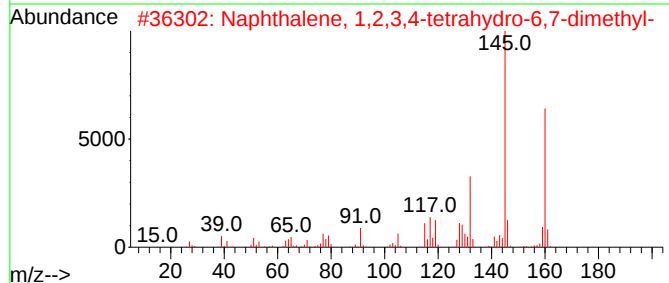
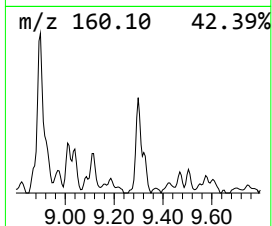
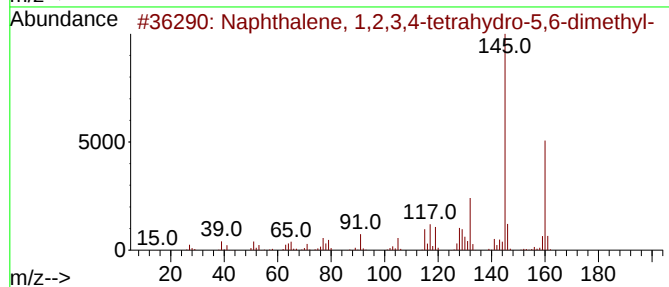
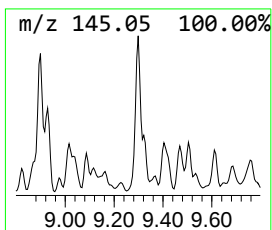
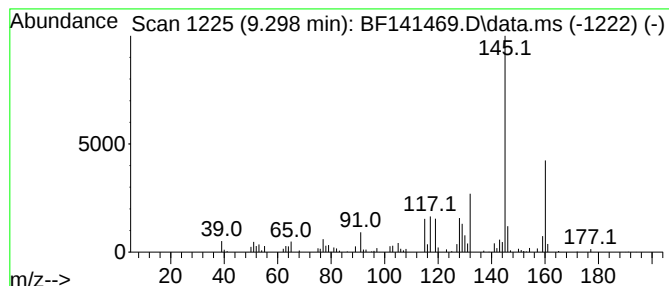
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.298	3.25 ng	75633	Acenaphthene-d10	9.828

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	020027-77-4	95
2		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001076-61-5	94
3		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-91-0	93
4		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021693-54-9	93
5		Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020525\
Data File : BF141469.D
Acq On : 06 Feb 2025 00:59
Operator : RC/JU
Sample : Q1288-04 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
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ClientSampleId :
HR-04-020425

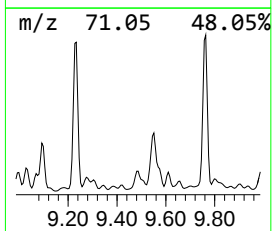
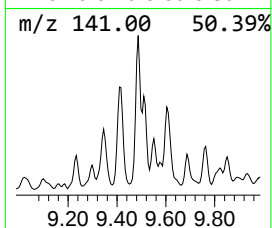
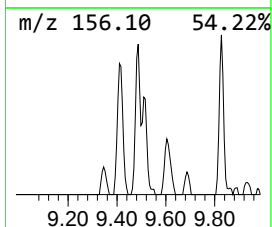
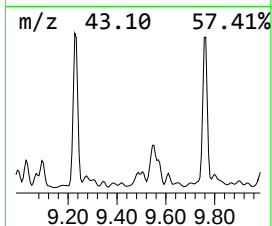
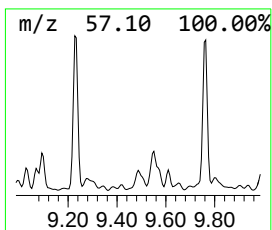
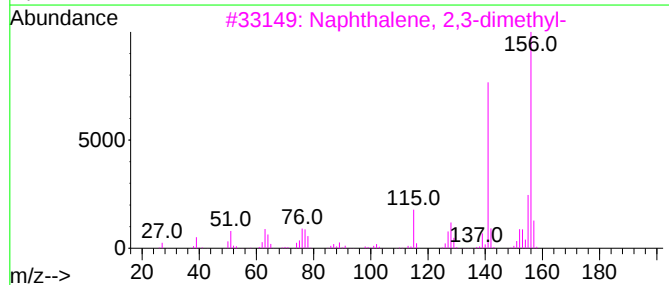
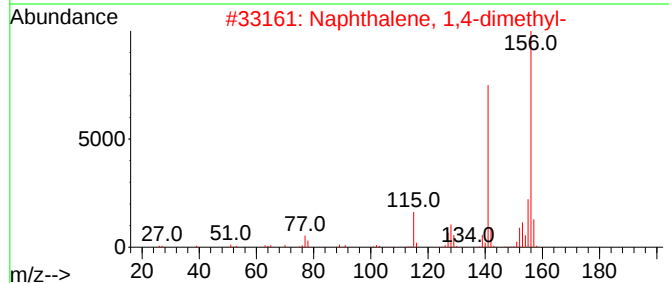
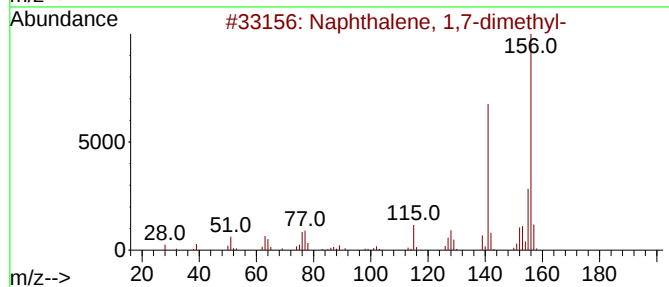
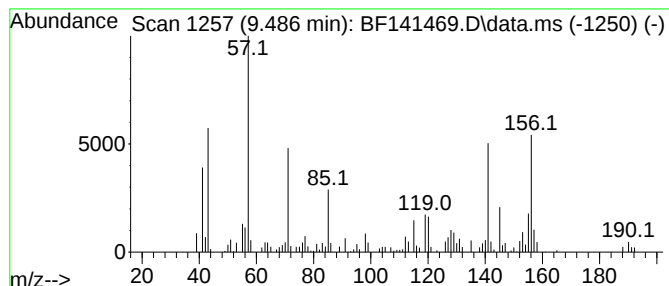
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Naphthalene, 1,7-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.486	5.60 ng	130306	Acenaphthene-d10	9.828

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	87
2			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	87
3			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	87
4			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	86
5			Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020525\
Data File : BF141469.D
Acq On : 06 Feb 2025 00:59
Operator : RC/JU
Sample : Q1288-04 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-04-020425

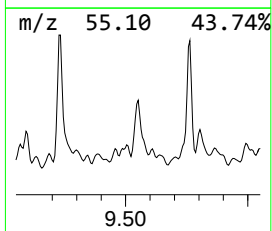
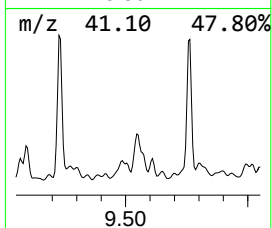
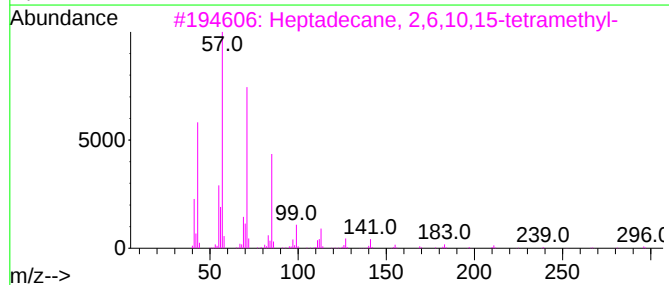
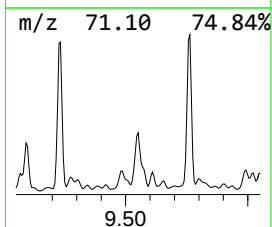
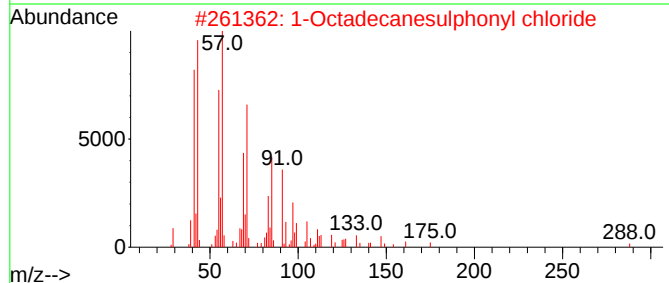
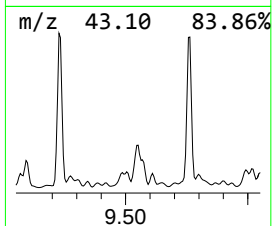
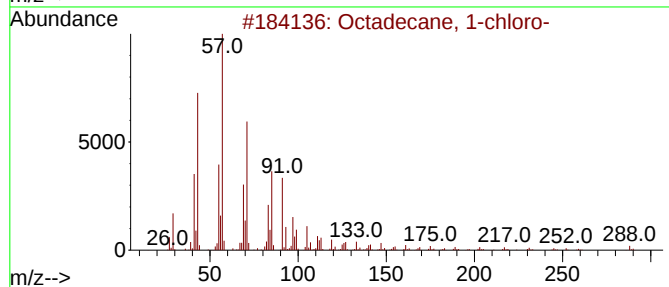
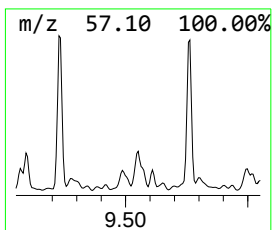
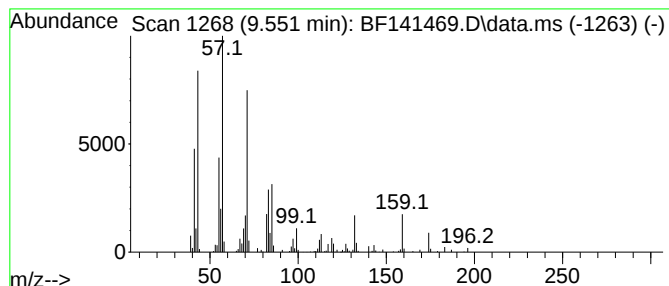
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Octadecane, 1-chloro- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.551	6.38 ng	148543	Acenaphthene-d10	9.828

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	72
2			1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	72
3			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	64
4			Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	62
5			Tetracosane	338	C24H50	000646-31-1	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020525\
Data File : BF141469.D
Acq On : 06 Feb 2025 00:59
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Misc :
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ClientSampleId :
HR-04-020425

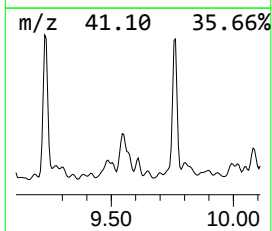
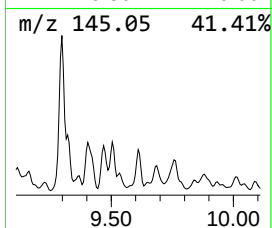
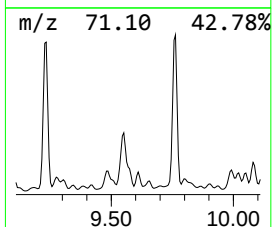
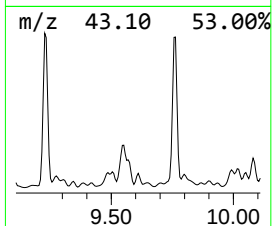
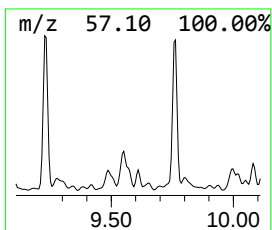
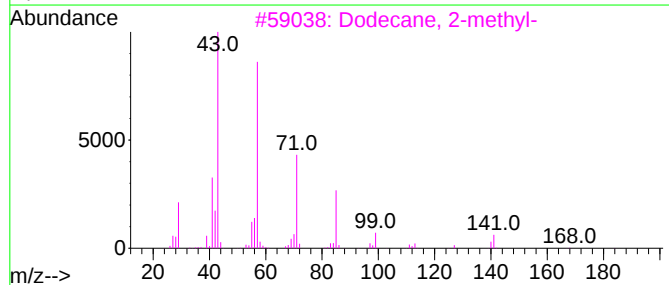
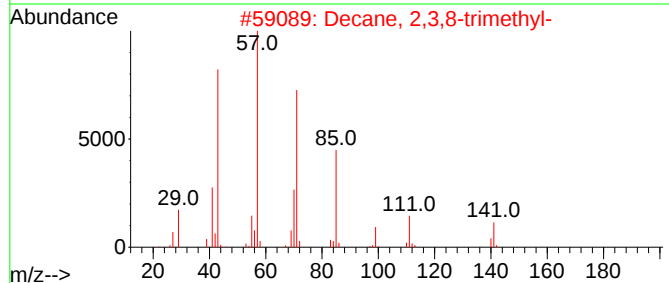
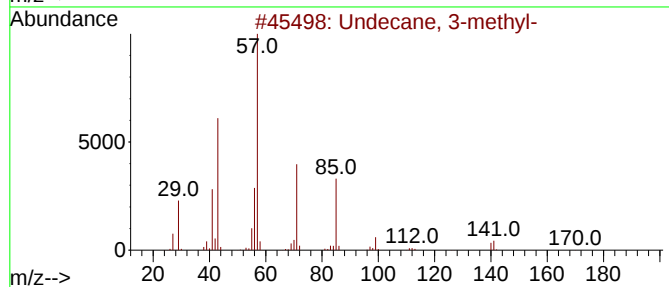
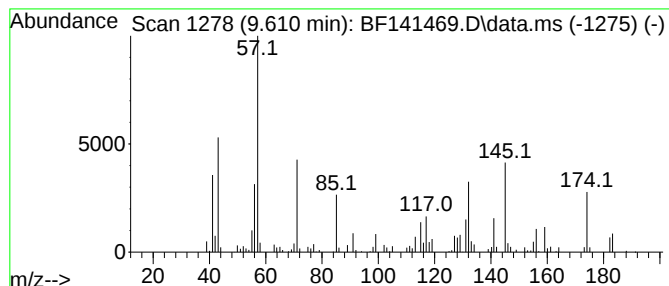
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 unknown9.610 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.610	3.01 ng	70003	Acenaphthene-d10	9.828

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 3-methyl-	170	C12H26	001002-43-3	22
2			Decane, 2,3,8-trimethyl-	184	C13H28	062238-14-6	22
3			Dodecane, 2-methyl-	184	C13H28	001560-97-0	22
4			Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	14
5			1,3-Dimethylbutyl isobutyrate	172	C10H20O2	1000429-31-6	14



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020525\
Data File : BF141469.D
Acq On : 06 Feb 2025 00:59
Operator : RC/JU
Sample : Q1288-04 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-04-020425

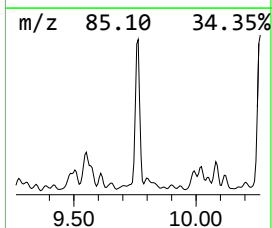
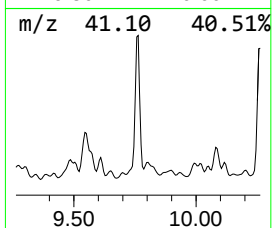
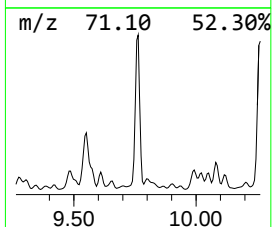
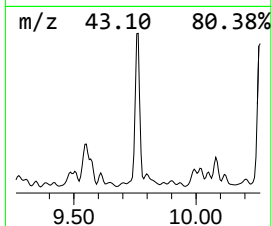
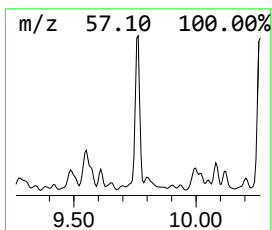
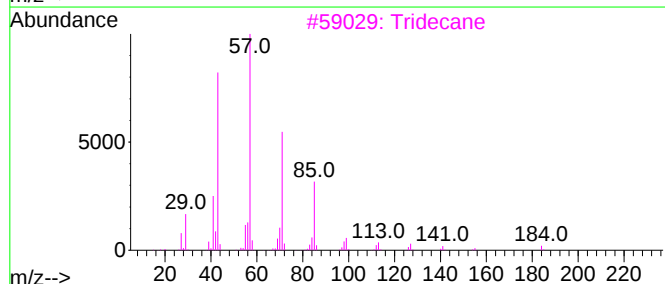
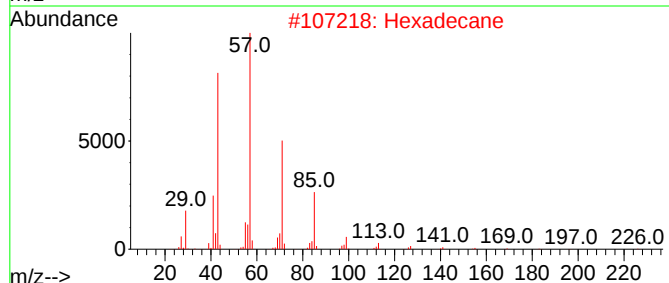
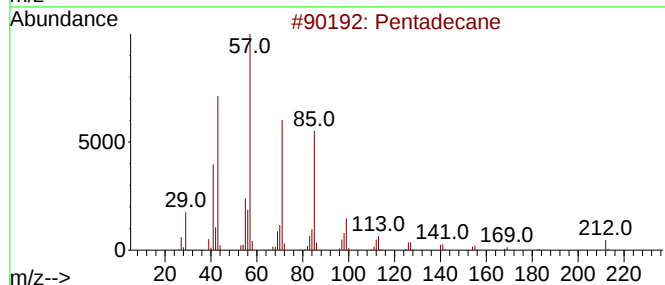
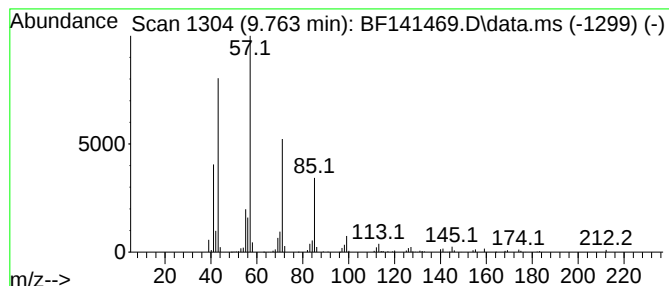
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Pentadecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.763	15.56 ng	362162	Acenaphthene-d10	9.828

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane	212	C15H32	000629-62-9	94
2			Hexadecane	226	C16H34	000544-76-3	91
3			Tridecane	184	C13H28	000629-50-5	90
4			Undecane	156	C11H24	001120-21-4	86
5			Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020525\
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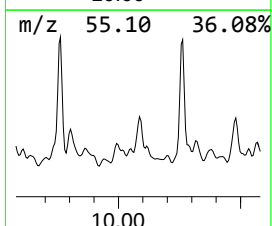
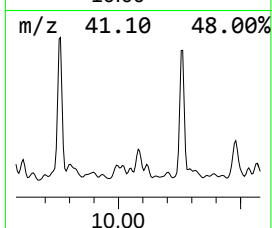
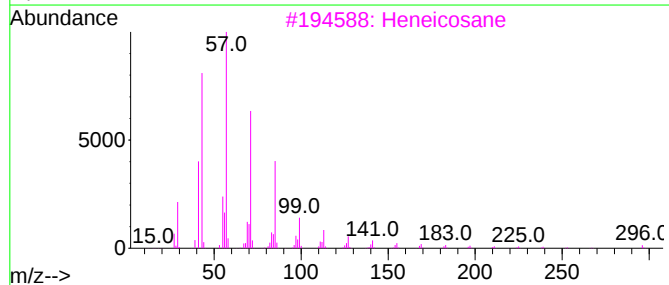
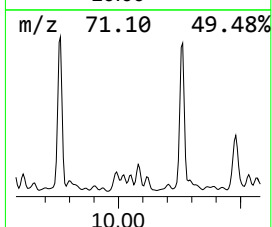
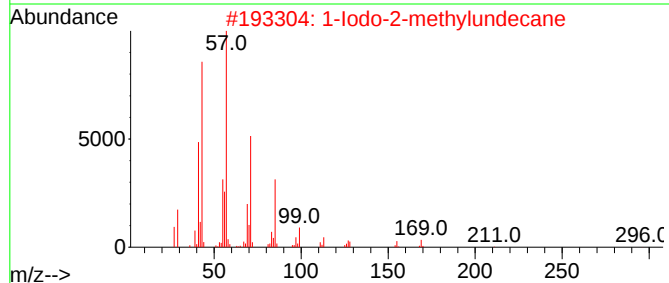
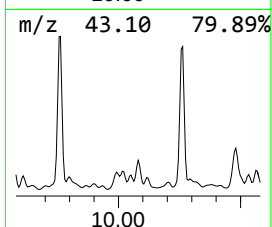
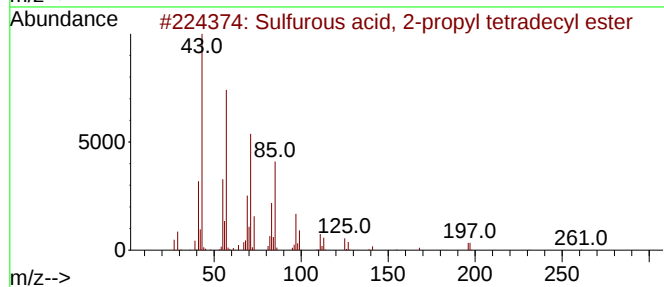
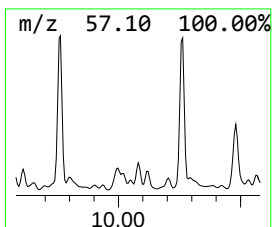
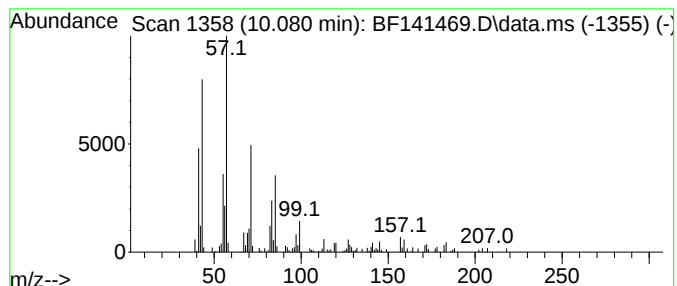
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Sulfurous acid, 2-propyl te... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.081	2.96 ng	68968	Acenaphthene-d10	9.828

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfurous acid, 2-propyl tetradecyl ester	320	C17H36O3S	1010309-12-5	64
2			1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	64
3			Heneicosane	296	C21H44	000629-94-7	62
4			Octacosane	394	C28H58	000630-02-4	58
5			Nonadecane	268	C19H40	000629-92-5	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020525\
Data File : BF141469.D
Acq On : 06 Feb 2025 00:59
Operator : RC/JU
Sample : Q1288-04 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
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ClientSampleId :
HR-04-020425

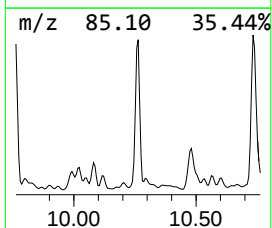
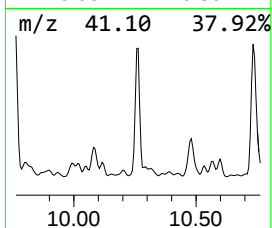
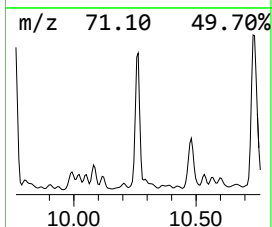
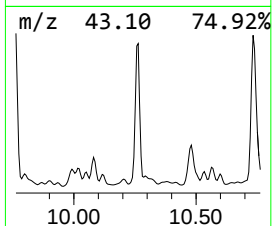
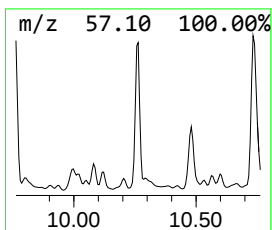
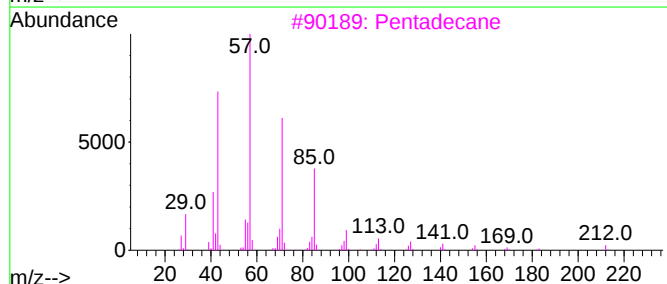
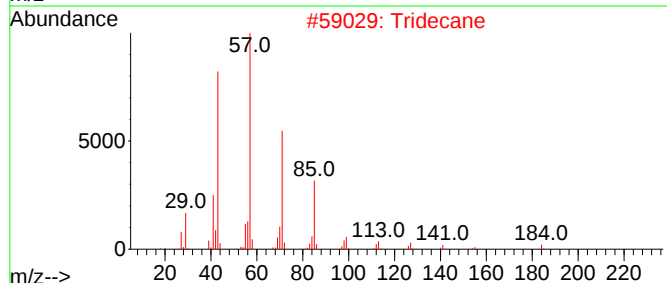
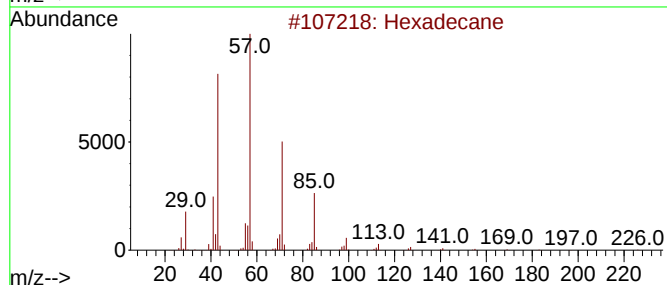
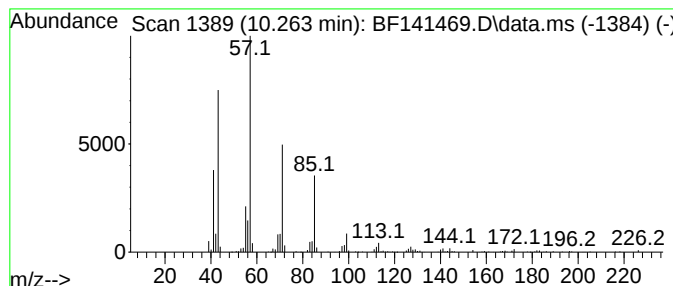
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Hexadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.263	15.11 ng	351695	Acenaphthene-d10	9.828

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	97
2			Tridecane	184	C13H28	000629-50-5	90
3			Pentadecane	212	C15H32	000629-62-9	90
4			Eicosane	282	C20H42	000112-95-8	90
5			Tetradecane	198	C14H30	000629-59-4	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020525\
Data File : BF141469.D
Acq On : 06 Feb 2025 00:59
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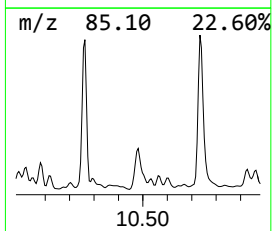
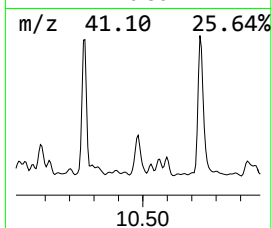
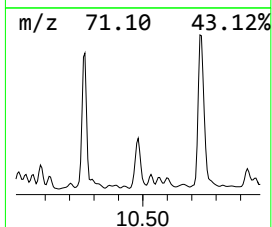
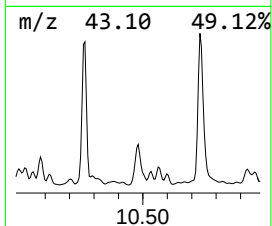
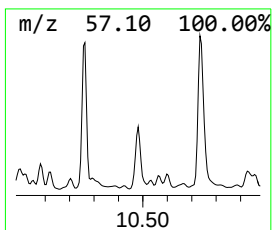
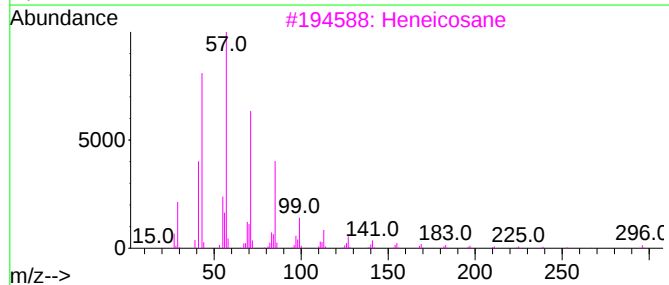
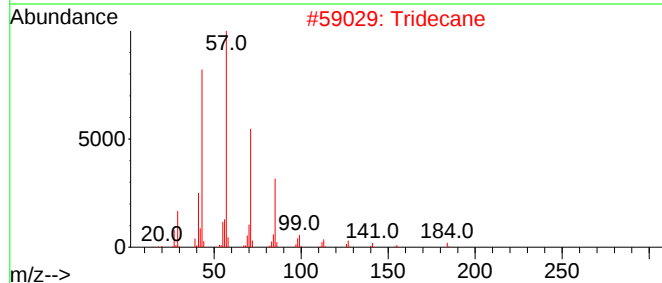
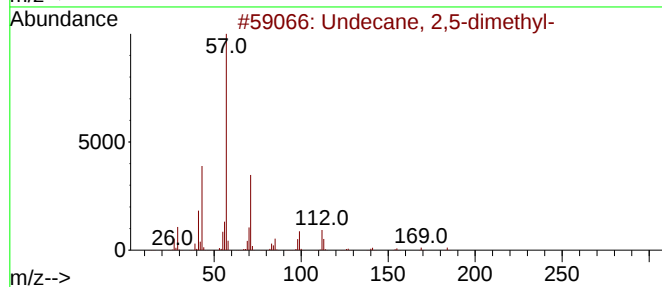
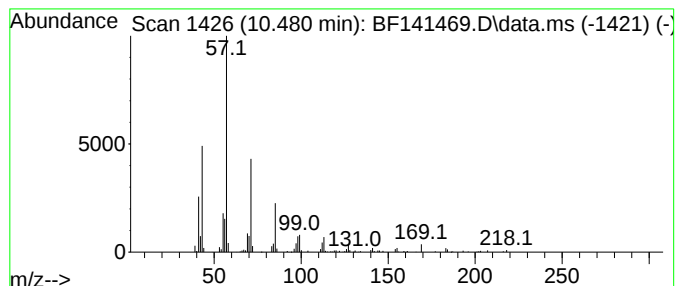
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Undecane, 2,5-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.480	6.70 ng	155923	Acenaphthene-d10	9.828

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	76
2		Tridecane	184	C13H28	000629-50-5	74
3		Heneicosane	296	C21H44	000629-94-7	72
4		Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	72
5		Eicosane	282	C20H42	000112-95-8	68



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020525\
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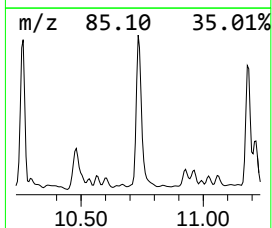
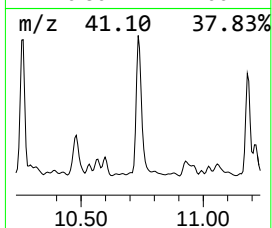
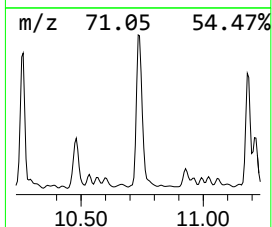
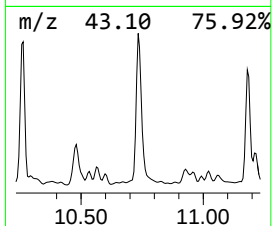
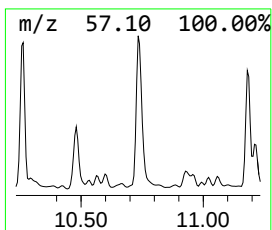
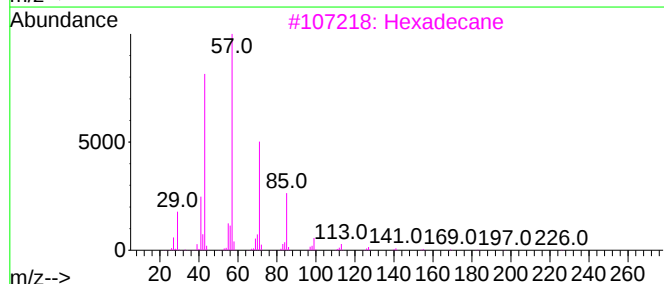
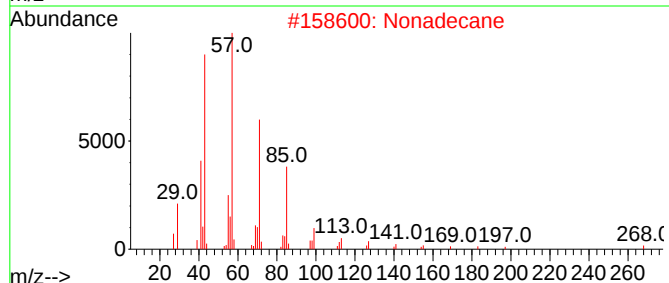
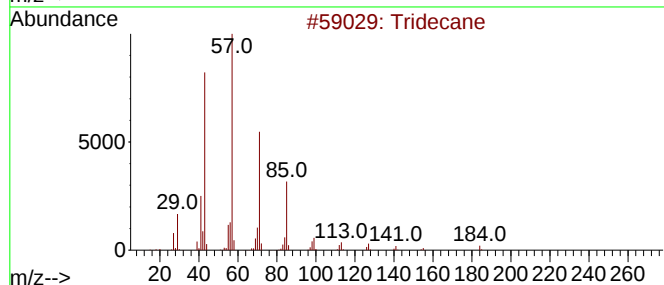
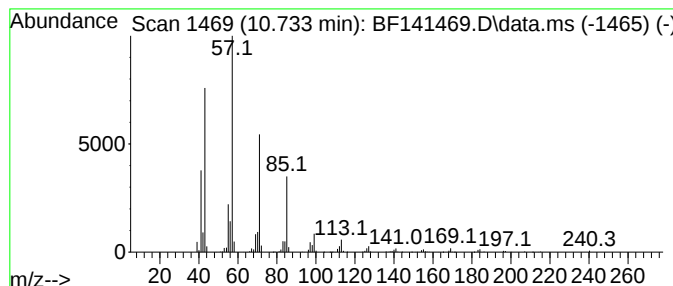
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Nonadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD		R.T.	
10.733	14.77 ng	452418	Phenanthrene-d10		11.316	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecane	184	C13H28	000629-50-5	95
2		Nonadecane	268	C19H40	000629-92-5	91
3		Hexadecane	226	C16H34	000544-76-3	91
4		Heneicosane	296	C21H44	000629-94-7	90
5		Heptadecane	240	C17H36	000629-78-7	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020525\
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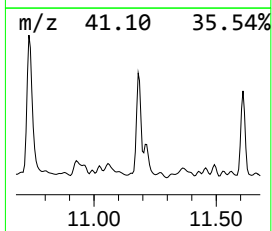
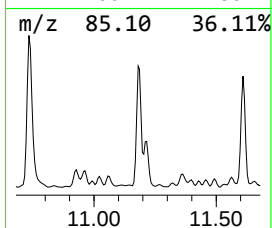
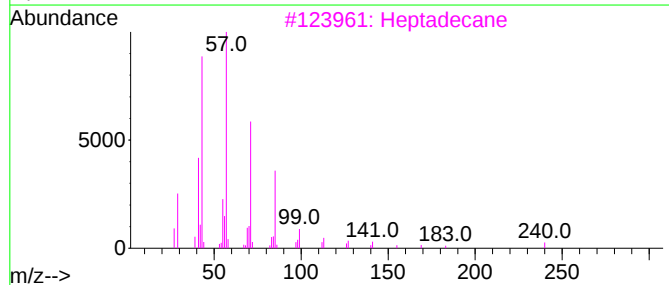
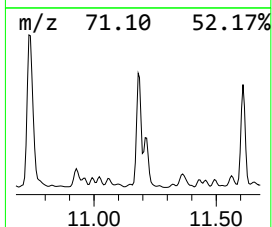
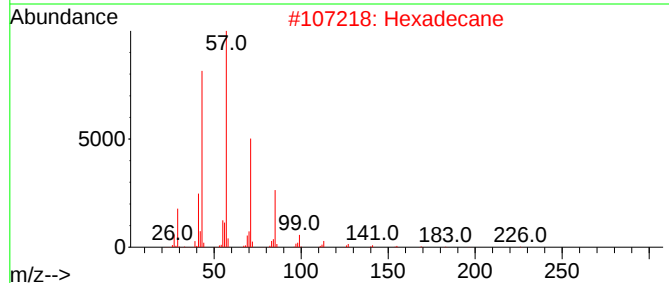
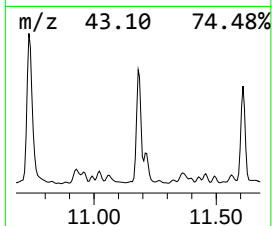
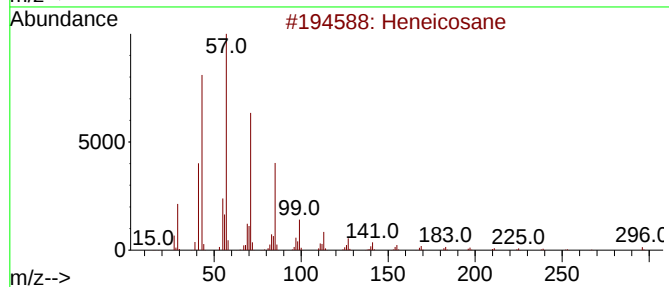
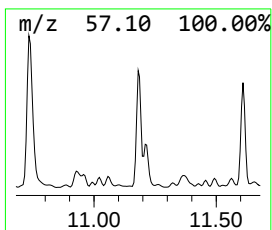
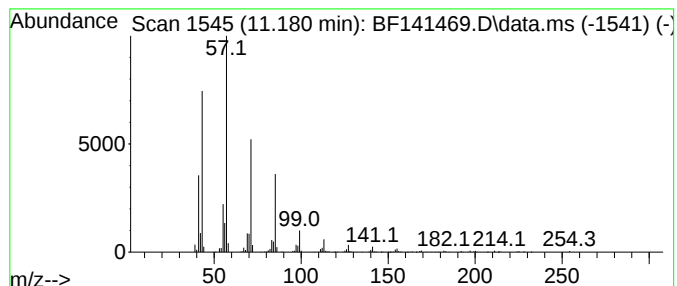
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Heneicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.180	10.21 ng	312678	Phenanthrene-d10	11.316

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heneicosane	296	C21H44	000629-94-7	91
2			Hexadecane	226	C16H34	000544-76-3	90
3			Heptadecane	240	C17H36	000629-78-7	90
4			Eicosane	282	C20H42	000112-95-8	90
5			Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020525\
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ALS Vial : 24 Sample Multiplier: 1

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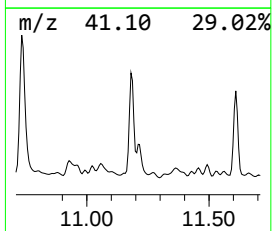
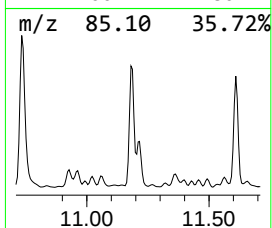
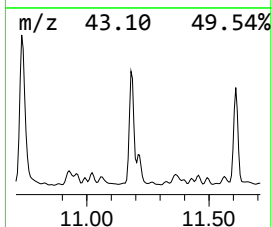
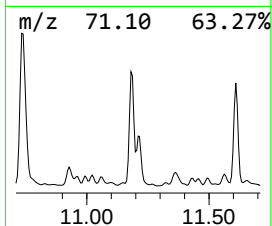
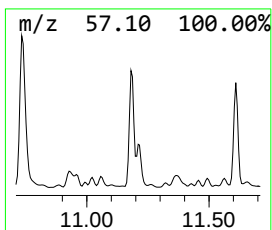
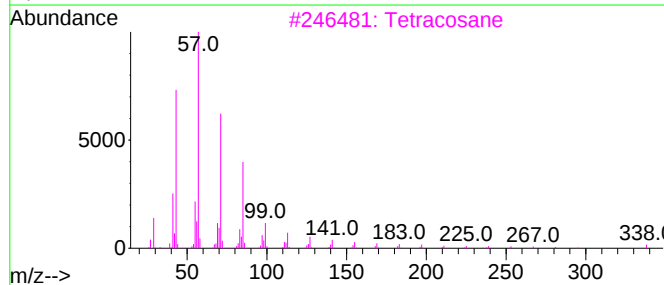
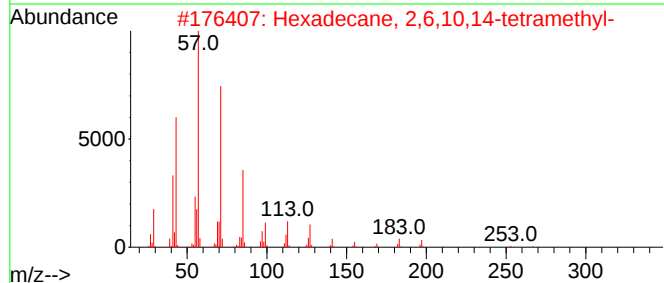
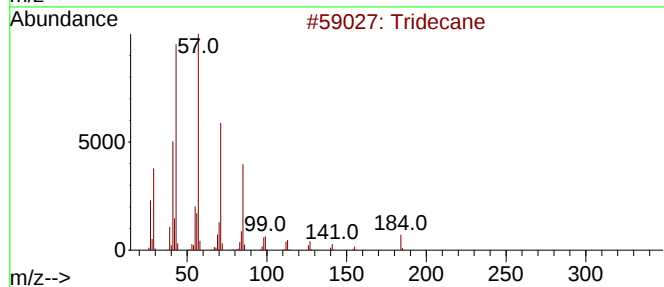
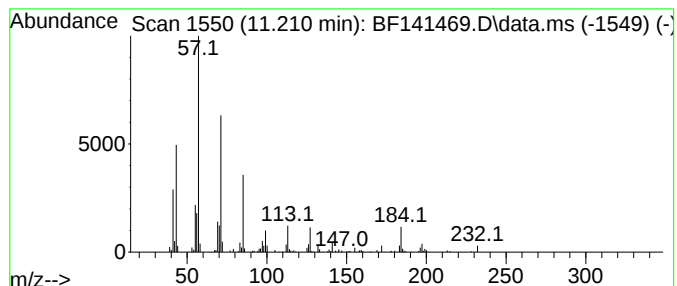
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Hexadecane, 2,6,10,14-tetra... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.210	3.45 ng	105576	Phenanthrene-d10	11.316

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecane	184	C13H28	000629-50-5	83
2		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	72
3		Tetracosane	338	C24H50	000646-31-1	72
4		Tridecane, 2-methyl-	198	C14H30	001560-96-9	64
5		Tridecane, 5-propyl-	226	C16H34	055045-11-9	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020525\
Data File : BF141469.D
Acq On : 06 Feb 2025 00:59
Operator : RC/JU
Sample : Q1288-04 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-04-020425

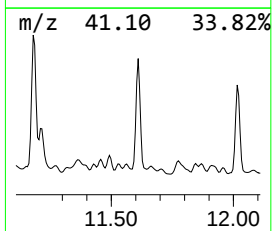
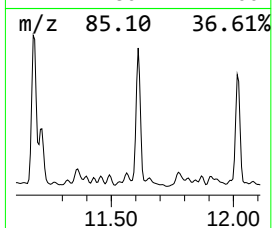
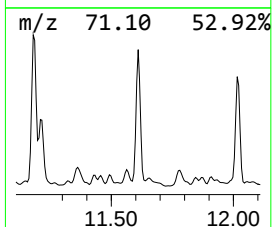
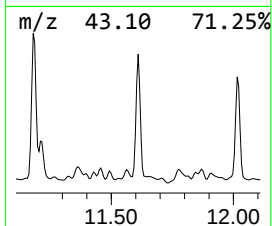
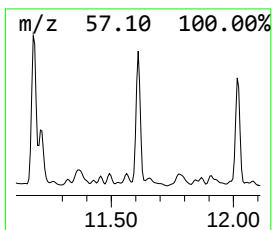
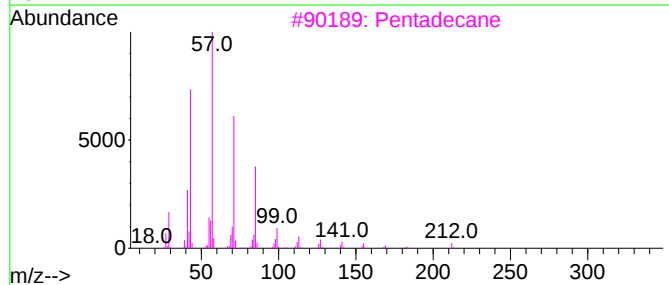
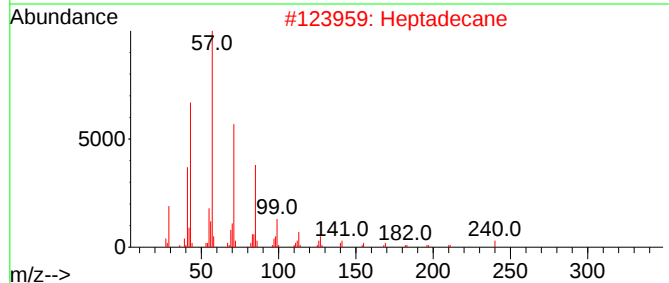
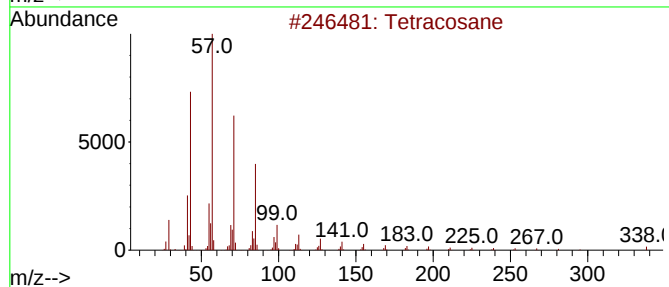
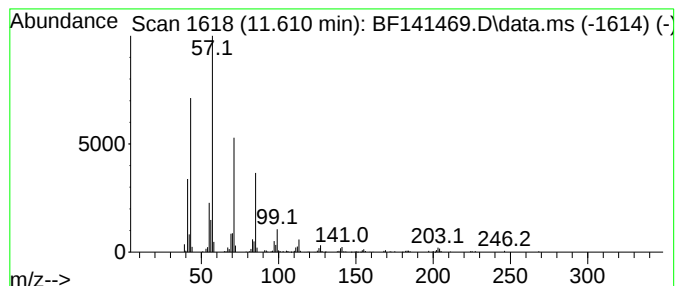
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Tetracosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.610	7.69 ng	235600	Phenanthrene-d10	11.316

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetracosane	338	C24H50	000646-31-1	91
2		Heptadecane	240	C17H36	000629-78-7	90
3		Pentadecane	212	C15H32	000629-62-9	86
4		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
5		Heptacosane	380	C27H56	000593-49-7	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020525\
Data File : BF141469.D
Acq On : 06 Feb 2025 00:59
Operator : RC/JU
Sample : Q1288-04 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-04-020425

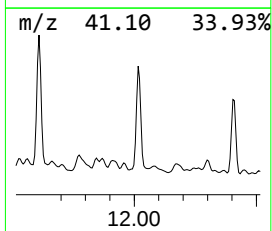
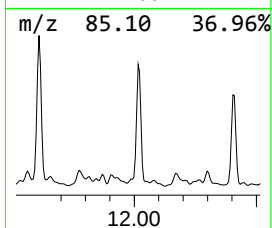
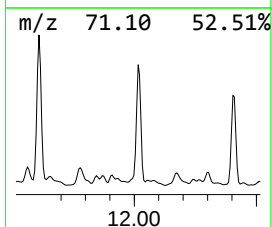
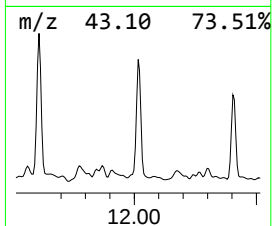
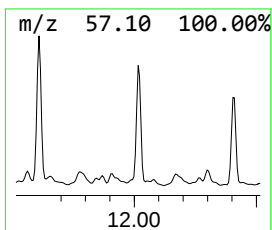
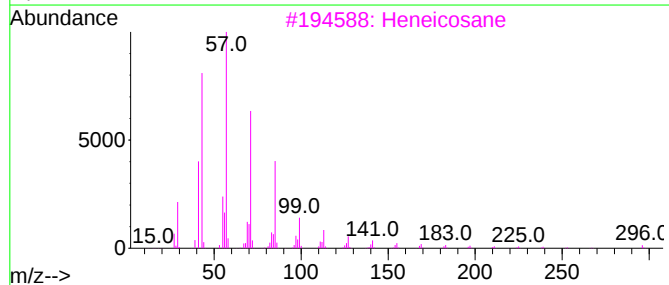
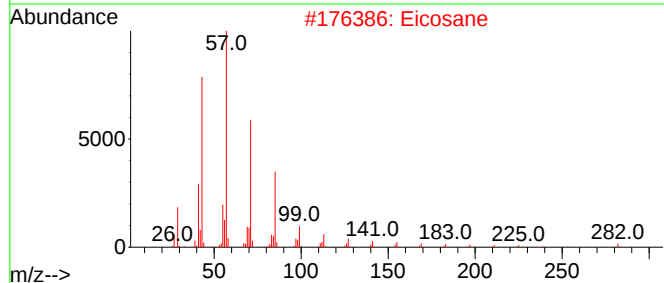
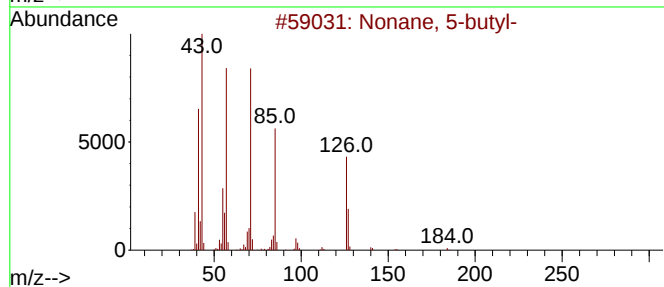
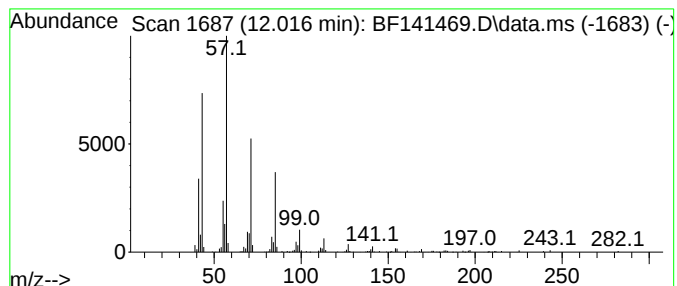
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Nonane, 5-butyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.016	6.44 ng	197278	Phenanthrene-d10	11.316

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Nonane, 5-butyl-	184	C13H28	017312-63-9	93
2		Eicosane	282	C20H42	000112-95-8	93
3		Heneicosane	296	C21H44	000629-94-7	91
4		Heptadecane	240	C17H36	000629-78-7	91
5		Nonadecane	268	C19H40	000629-92-5	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020525\
Data File : BF141469.D
Acq On : 06 Feb 2025 00:59
Operator : RC/JU
Sample : Q1288-04 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-04-020425

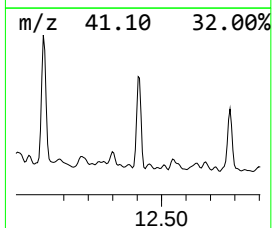
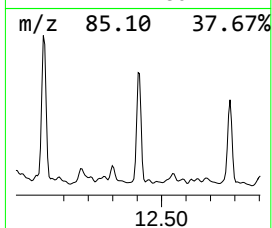
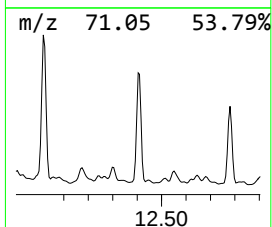
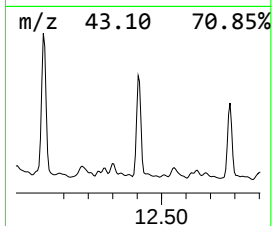
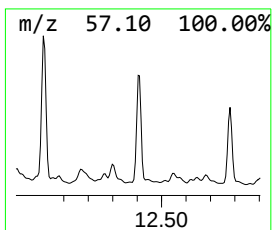
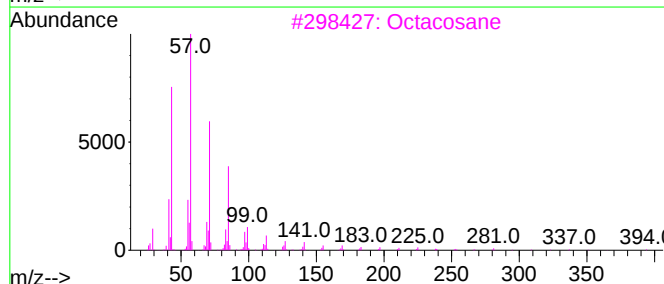
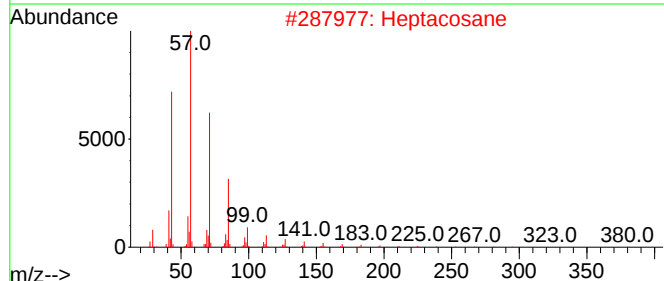
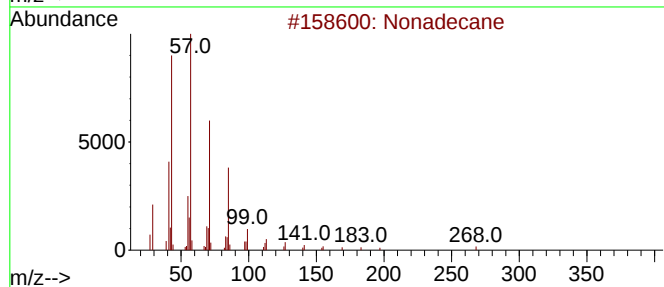
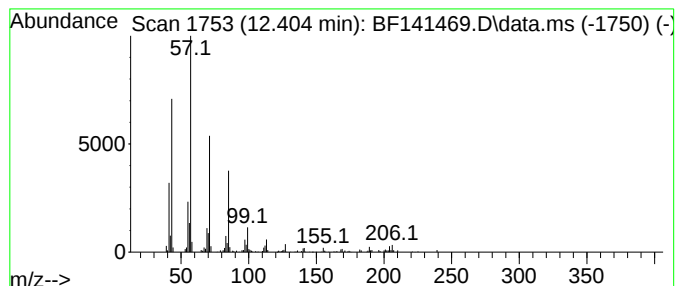
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Heptacosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.404	5.27 ng	161350	Phenanthrene-d10	11.316

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonadecane	268	C19H40	000629-92-5	91
2			Heptacosane	380	C27H56	000593-49-7	91
3			Octacosane	394	C28H58	000630-02-4	91
4			Tridecane, 7-hexyl-	268	C19H40	007225-66-3	91
5			Hexacosane	366	C26H54	000630-01-3	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020525\
Data File : BF141469.D
Acq On : 06 Feb 2025 00:59
Operator : RC/JU
Sample : Q1288-04 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-04-020425

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.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
1-Phenyl-1-butene	7.816	3.5	ng	145370	2	8.075	843805	20.0
Tridecane	8.663	8.2	ng	347856	2	8.075	843805	20.0
Naphthalene, 1,...	8.898	3.1	ng	131791	2	8.075	843805	20.0
unknown9.028	9.028	4.1	ng	96306	3	9.828	465650	20.0
Dodecane, 2,6,1...	9.092	4.5	ng	105636	3	9.828	465650	20.0
Tetradecane	9.228	17.4	ng	405690	3	9.828	465650	20.0
Naphthalene, 1,...	9.298	3.3	ng	75633	3	9.828	465650	20.0
Naphthalene, 1,...	9.486	5.6	ng	130306	3	9.828	465650	20.0
Octadecane, 1-c...	9.551	6.4	ng	148543	3	9.828	465650	20.0
unknown9.610	9.610	3.0	ng	70003	3	9.828	465650	20.0
Pentadecane	9.763	15.6	ng	362162	3	9.828	465650	20.0
Sulfurous acid,...	10.081	3.0	ng	68968	3	9.828	465650	20.0
Hexadecane	10.263	15.1	ng	351695	3	9.828	465650	20.0
Undecane, 2,5-d...	10.480	6.7	ng	155923	3	9.828	465650	20.0
Nonadecane	10.733	14.8	ng	452418	4	11.316	612494	20.0
Heneicosane	11.180	10.2	ng	312678	4	11.316	612494	20.0
Hexadecane, 2,6...	11.210	3.5	ng	105576	4	11.316	612494	20.0
Tetracosane	11.610	7.7	ng	235600	4	11.316	612494	20.0
Nonane, 5-butyl-	12.016	6.4	ng	197278	4	11.316	612494	20.0
Heptacosane	12.404	5.3	ng	161350	4	11.316	612494	20.0