

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060625\
 Data File : BF142672.D
 Acq On : 07 Jun 2025 05:36
 Operator : RC/JU
 Sample : Q2125-07
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GSB3

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-BF052025.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF142672.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.110	491	496	502	rVB	181799	265676	3.21%	0.213%
2	5.510	553	564	575	rBV	1478923	2018492	24.40%	1.620%
3	5.804	610	614	621	rVB	73882	106002	1.28%	0.085%
4	5.916	626	633	637	rBV4	59010	109799	1.33%	0.088%
5	6.051	649	656	660	rVB3	65569	122935	1.49%	0.099%
6	6.145	667	672	678	rBV2	194897	365119	4.41%	0.293%
7	6.198	678	681	684	rVB	80855	94186	1.14%	0.076%
8	6.334	699	704	707	rBV2	114652	176617	2.13%	0.142%
9	6.392	707	714	716	rVV2	118478	205780	2.49%	0.165%
10	6.422	716	719	726	rVV4	220053	371580	4.49%	0.298%
11	6.481	726	729	731	rVV	122956	166756	2.02%	0.134%
12	6.516	731	735	741	rVV	1449824	1984555	23.99%	1.593%
13	6.569	741	744	751	rVB3	82637	144717	1.75%	0.116%
14	6.634	751	755	759	rBV5	132177	243698	2.95%	0.196%
15	6.675	759	762	766	rVB3	88724	131884	1.59%	0.106%
16	6.728	766	771	778	rBV2	507658	725538	8.77%	0.582%
17	6.822	782	787	789	rBV3	52127	92573	1.12%	0.074%
18	6.898	790	800	806	rBV3	870716	1567347	18.95%	1.258%
19	6.951	806	809	812	rVB3	138556	159420	1.93%	0.128%
20	7.004	815	818	820	rVV2	87873	102210	1.24%	0.082%
21	7.039	820	824	828	rVB2	293566	362901	4.39%	0.291%
22	7.122	834	838	840	rBV3	99097	133448	1.61%	0.107%
23	7.169	841	846	849	rVV	432519	525773	6.36%	0.422%
24	7.210	849	853	855	rBV2	256385	421062	5.09%	0.338%
25	7.287	861	866	870	rBV2	485007	807457	9.76%	0.648%
26	7.381	875	882	885	rBV2	146818	297435	3.60%	0.239%
27	7.428	885	890	892	rBV2	543122	877639	10.61%	0.705%
28	7.457	892	895	897	rVV	827685	1051807	12.71%	0.844%
29	7.487	897	900	904	rVB	1292169	1749974	21.15%	1.405%
30	7.539	904	909	913	rBV4	534308	794156	9.60%	0.638%
31	7.598	913	919	924	rBV5	409633	874661	10.57%	0.702%
32	7.675	924	932	934	rBV3	468786	910187	11.00%	0.731%
33	7.798	945	953	954	rBV3	543129	1091030	13.19%	0.876%
34	7.822	954	957	960	rVV2	621784	926778	11.20%	0.744%
35	7.857	960	963	966	rVB3	406645	514083	6.21%	0.413%
36	7.892	966	969	971	rBV3	362951	421975	5.10%	0.339%

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37	7.922	971	974	980	rVB4	554191	926037	11.19%	0.743%
38	7.975	980	983	984	rBV	223028	247012	2.99%	0.198%
39	8.051	992	996	999	rBV2	339663	445945	5.39%	0.358%
40	8.163	1011	1015	1024	rBV4	2057133	3544541	42.85%	2.846%

41	8.239	1024	1028	1031	rVB2	1331834	1650583	19.95%	1.325%
42	8.269	1031	1033	1040	rVB4	624235	928827	11.23%	0.746%
43	8.351	1041	1047	1049	rBV3	414648	896490	10.84%	0.720%
44	8.381	1050	1052	1056	rVB2	405360	449275	5.43%	0.361%
45	8.475	1063	1068	1073	rBV7	1096625	1811455	21.90%	1.454%

46	8.522	1074	1076	1079	rVB2	372273	388531	4.70%	0.312%
47	8.563	1079	1083	1086	rBV3	780713	973919	11.77%	0.782%
48	8.604	1086	1090	1095	rBV	1825229	2839241	34.32%	2.279%
49	8.686	1101	1104	1107	rBV	742452	987706	11.94%	0.793%
50	8.775	1114	1119	1123	rBV	2797608	3855669	46.61%	3.095%

51	8.869	1132	1135	1138	rVB2	557219	603884	7.30%	0.485%
52	8.933	1143	1146	1148	rBV3	488431	559131	6.76%	0.449%
53	8.998	1154	1157	1164	rVB3	769852	1251106	15.12%	1.004%
54	9.057	1164	1167	1169	rBV3	514001	698348	8.44%	0.561%
55	9.133	1177	1180	1184	rVB2	778154	1041019	12.58%	0.836%

56	9.181	1185	1188	1189	rBV	574769	636152	7.69%	0.511%
57	9.204	1189	1192	1197	rVB	2038048	2632462	31.82%	2.113%
58	9.257	1197	1201	1207	rVB	1658952	2213070	26.75%	1.777%
59	9.345	1211	1216	1220	rBV	3510229	5336339	64.51%	4.284%
60	9.528	1243	1247	1252	rVB	1672600	2351462	28.42%	1.888%

61	9.604	1256	1260	1263	rVV2	2131430	3740446	45.21%	3.003%
62	9.663	1266	1270	1276	rVV2	3119346	5736163	69.34%	4.605%
63	9.722	1277	1280	1285	rVB3	1035615	1330729	16.09%	1.068%
64	9.810	1291	1295	1298	rBV4	980605	1378277	16.66%	1.106%
65	9.875	1299	1306	1310	rVV2	3049240	5291457	63.96%	4.248%

66	10.051	1332	1336	1340	rVB	1216884	1702857	20.58%	1.367%
67	10.098	1340	1344	1347	rBV4	735498	1360157	16.44%	1.092%
68	10.145	1348	1352	1356	rVV2	1430591	2399624	29.01%	1.926%
69	10.192	1356	1360	1368	rVB4	2115700	3953706	47.79%	3.174%
70	10.263	1368	1372	1374	rBV	1202923	1501429	18.15%	1.205%

71	10.375	1384	1391	1395	rBV2	3133923	5469237	66.11%	4.391%
72	10.592	1424	1428	1433	rVB2	2227402	3756925	45.41%	3.016%
73	10.857	1467	1473	1481	rVB2	4085599	8272642	100.00%	6.641%
74	11.033	1500	1503	1506	rBV3	639735	886397	10.71%	0.712%
75	11.069	1507	1509	1513	rVB4	910468	1069109	12.92%	0.858%

76	11.292	1543	1547	1550	rBV	2275053	3275369	39.59%	2.629%
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77	11.322	1550	1552	1559	rVB2	2052711	2845759	34.40%	2.285%
78	11.433	1568	1571	1573	rBV	555201	706822	8.54%	0.567%
79	11.669	1608	1611	1615	rVV2	508436	629815	7.61%	0.506%
80	11.716	1615	1619	1623	rVB	1929224	2364432	28.58%	1.898%
81	11.933	1653	1656	1658	rBV	386639	521831	6.31%	0.419%
82	12.121	1684	1688	1692	rVB	1354424	1614353	19.51%	1.296%
83	12.404	1733	1736	1744	rVB3	383655	718009	8.68%	0.576%
84	12.480	1745	1749	1751	rVV	329595	510780	6.17%	0.410%
85	12.510	1751	1754	1760	rVB2	795865	999010	12.08%	0.802%
86	12.880	1812	1817	1821	rVV3	334215	486352	5.88%	0.390%
87	12.921	1821	1824	1829	rVB2	119747	166018	2.01%	0.133%
88	13.010	1834	1839	1847	rVB	1326679	1826669	22.08%	1.466%
89	13.233	1873	1877	1886	rVB	113343	175497	2.12%	0.141%
90	13.904	1986	1991	2003	rVB	80583	152541	1.84%	0.122%
91	14.063	2013	2018	2029	rVB	547510	735510	8.89%	0.590%
92	15.557	2266	2272	2286	rBV	491456	803663	9.71%	0.645%

Sum of corrected areas: 124565039

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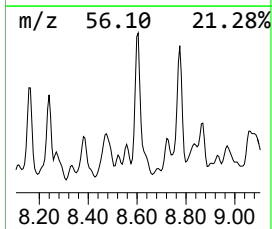
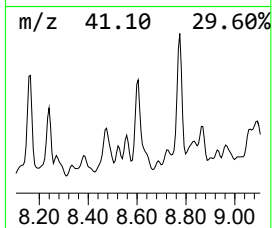
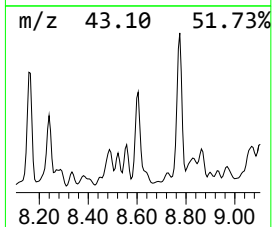
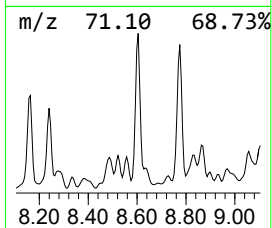
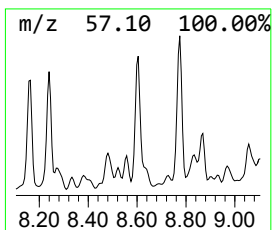
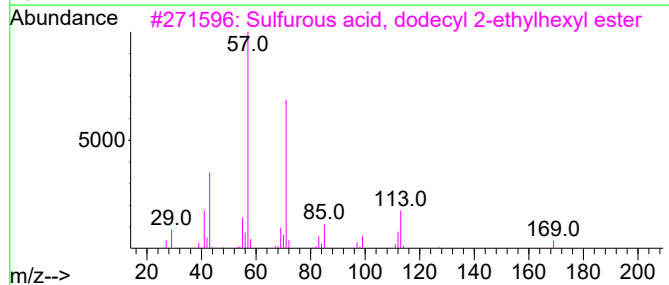
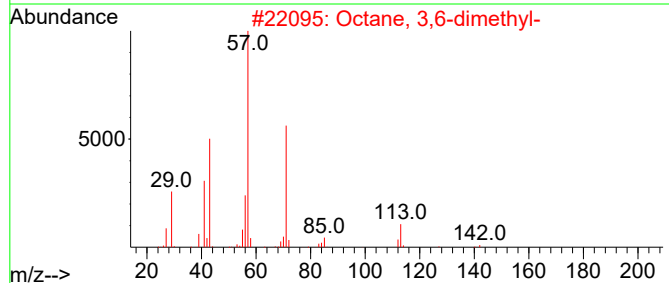
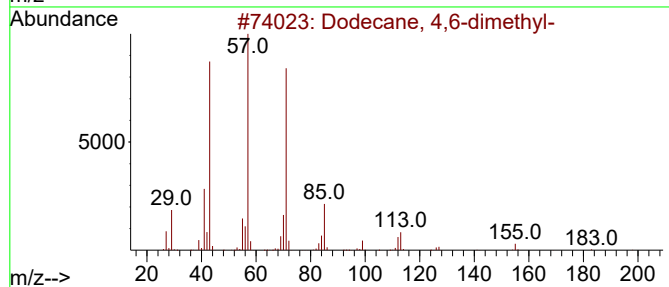
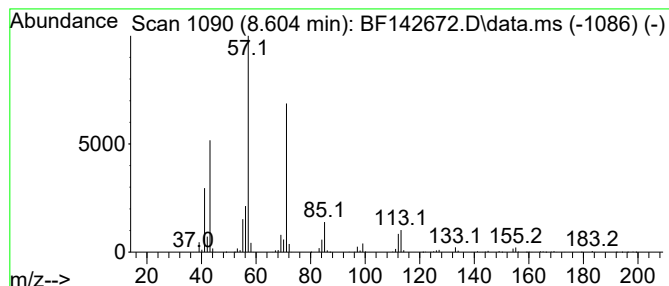
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Dodecane, 4,6-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.604	16.02 ng	2839240	Naphthalene-d8	8.181

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	81
2			Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	72
3			Sulfurous acid, dodecyl 2-ethylh...	362	C20H42O3S	1000309-19-5	59
4			Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	59
5			Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	53



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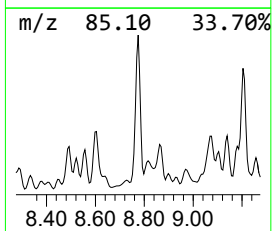
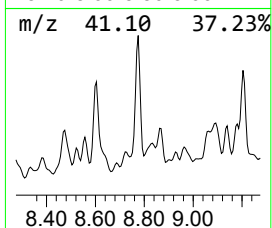
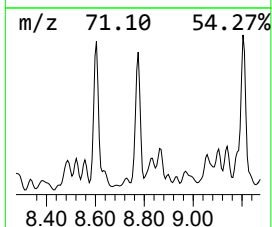
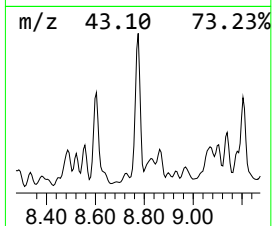
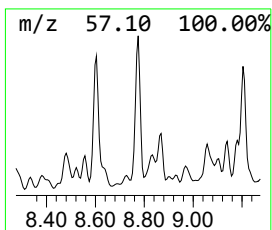
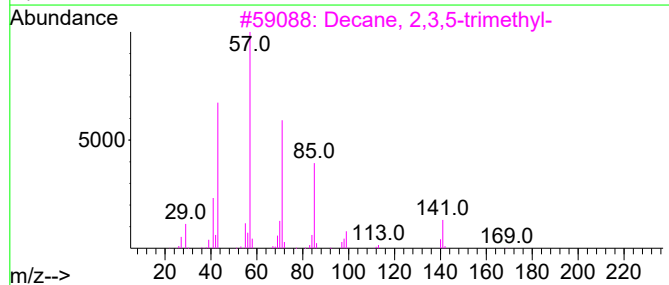
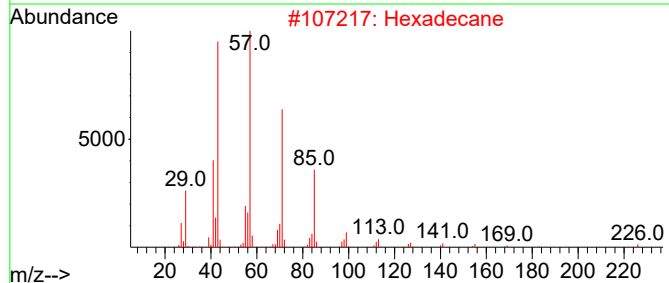
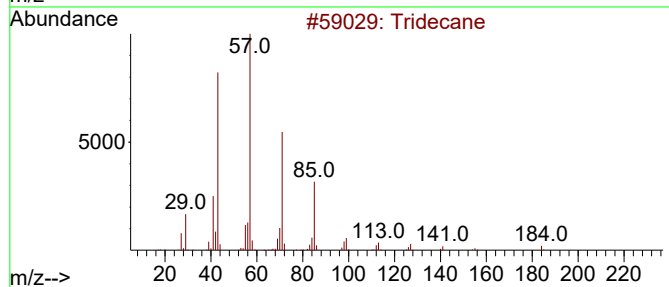
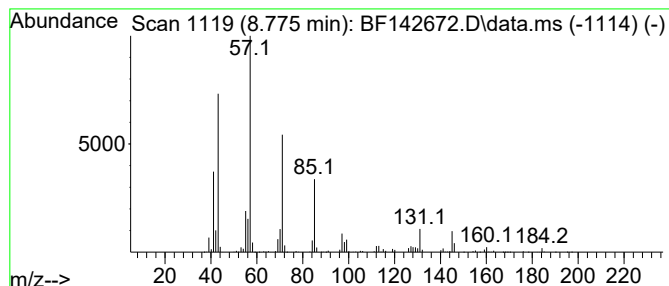
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Tridecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.775	21.76 ng	3855670	Naphthalene-d8	8.181

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	96
2			Hexadecane	226	C16H34	000544-76-3	62
3			Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	59
4			Tetradecane	198	C14H30	000629-59-4	58
5			Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	53



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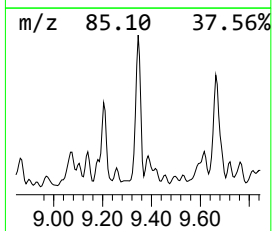
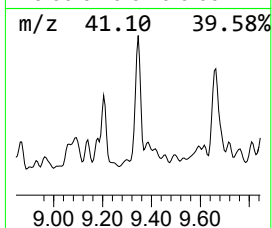
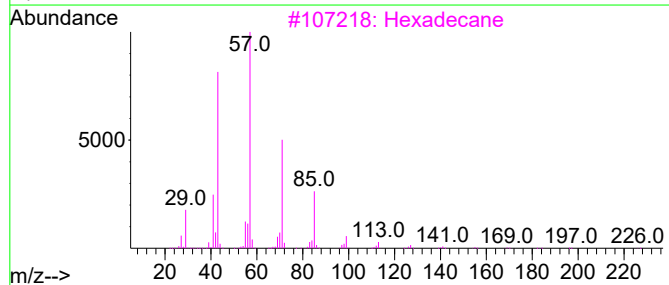
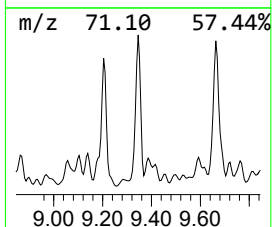
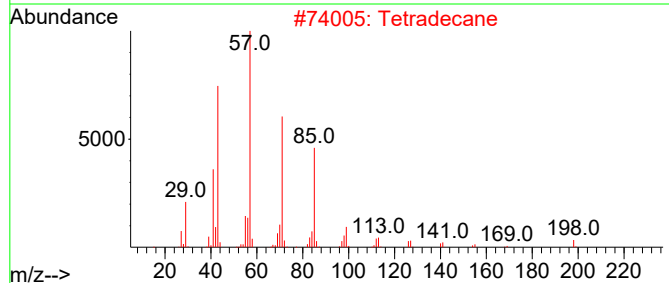
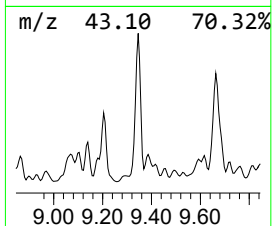
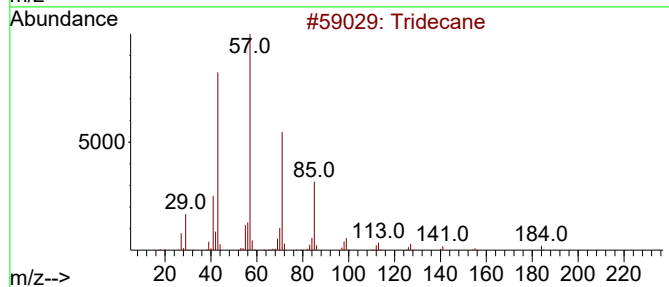
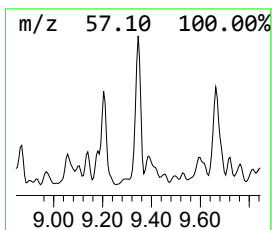
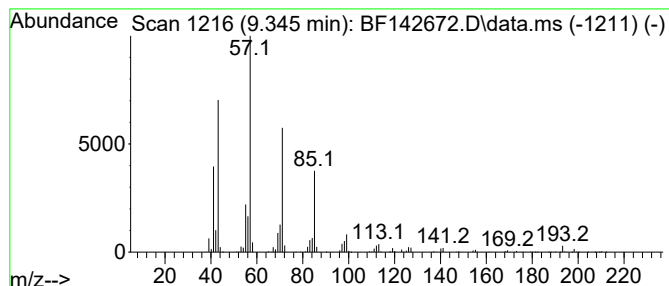
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Tetradecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.345	20.17 ng	5336340	Acenaphthene-d10	9.945

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	90
2			Tetradecane	198	C14H30	000629-59-4	87
3			Hexadecane	226	C16H34	000544-76-3	86
4			Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	80
5			Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	72



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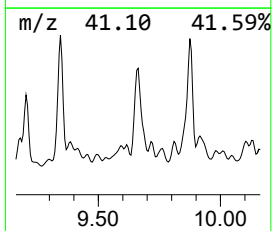
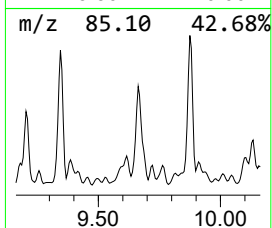
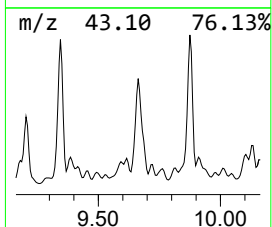
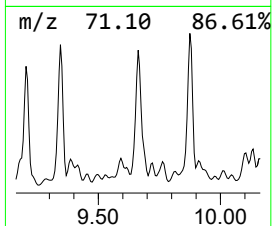
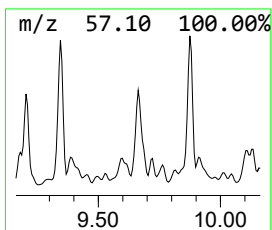
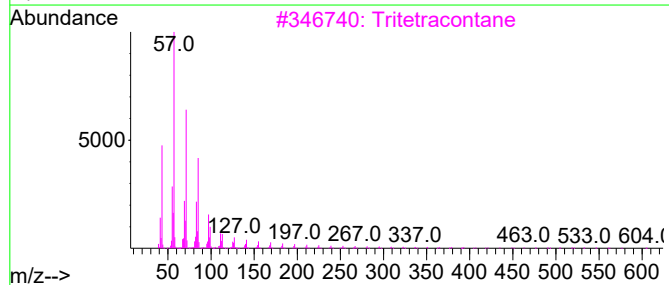
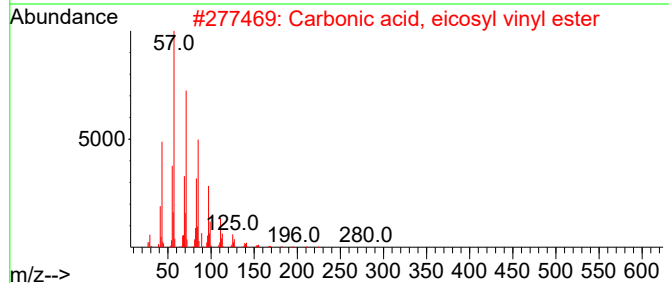
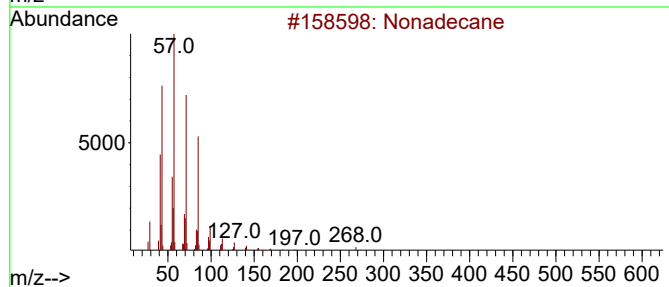
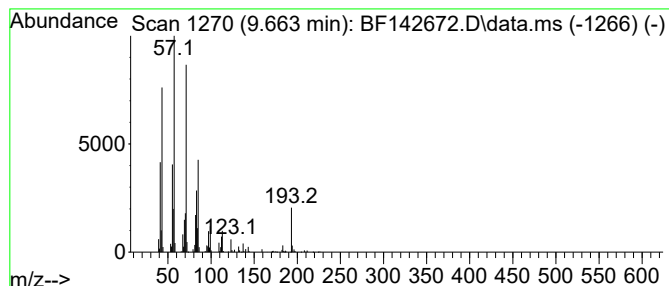
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Nonadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.663	21.68 ng	5736160	Acenaphthene-d10	9.945

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonadecane	268	C19H40	000629-92-5	83
2			Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	80
3			Tritetracontane	605	C43H88	007098-21-7	80
4			Hexadecane	226	C16H34	000544-76-3	72
5			Octane, 2,3,3-trimethyl-	156	C11H24	062016-30-2	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060625\
Data File : BF142672.D
Acq On : 07 Jun 2025 05:36
Operator : RC/JU
Sample : Q2125-07
Misc :
ALS Vial : 33 Sample Multiplier: 1

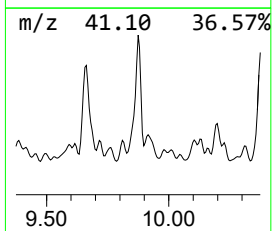
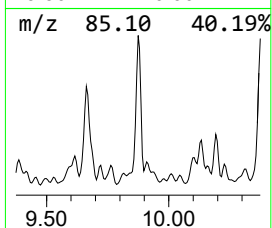
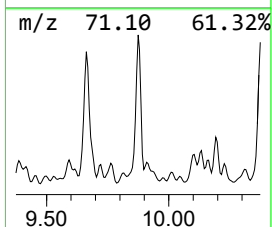
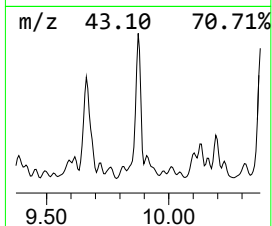
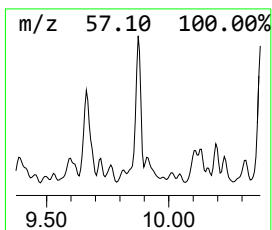
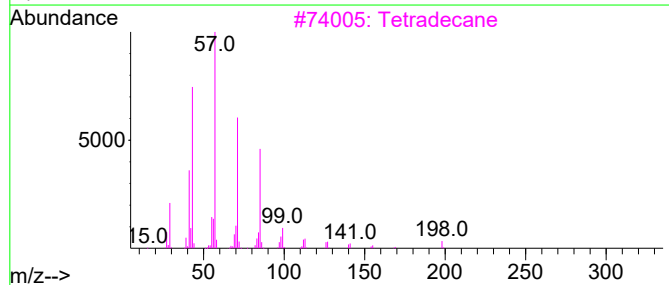
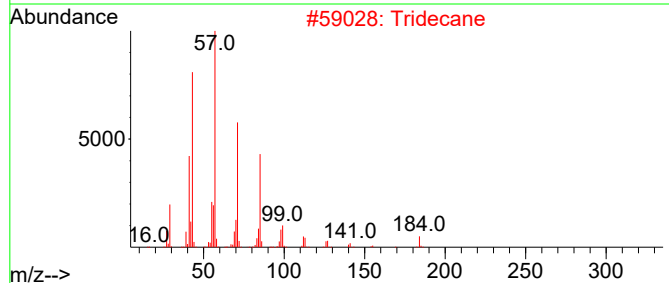
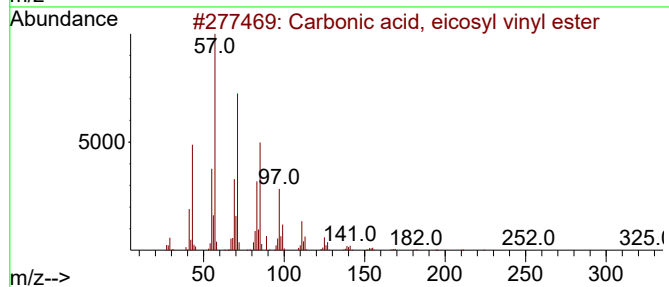
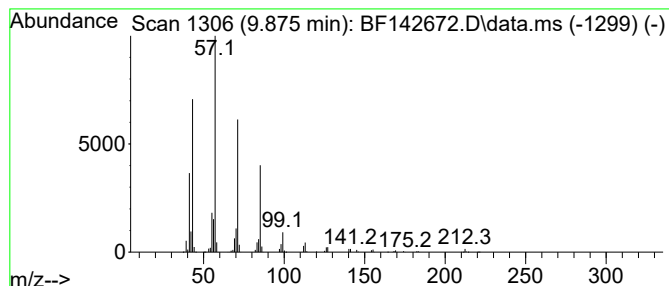
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ClientSampleId :
GSB3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Carbonic acid, eicosyl vinyl... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.	
9.875	20.00 ng	5291460	Acenaphthene-d10	9.945	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	86
2	Tridecane	184	C13H28	000629-50-5	83
3	Tetradecane	198	C14H30	000629-59-4	80
4	Hexadecane	226	C16H34	000544-76-3	80
5	Sulfurous acid, butyl tetradecyl...	334	C18H38O3S	1010309-18-1	78



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060625\
Data File : BF142672.D
Acq On : 07 Jun 2025 05:36
Operator : RC/JU
Sample : Q2125-07
Misc :
ALS Vial : 33 Sample Multiplier: 1

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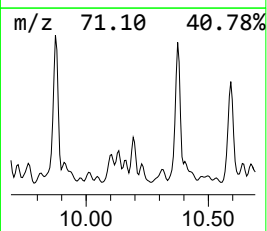
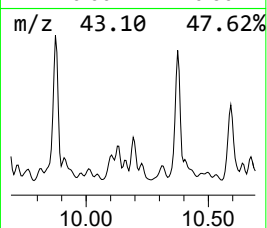
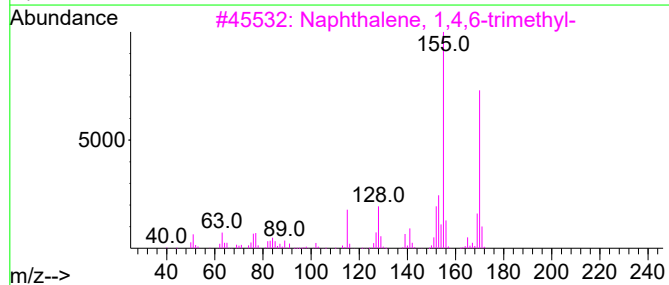
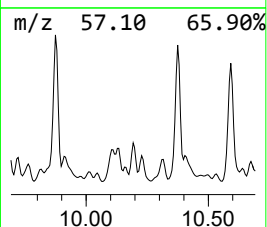
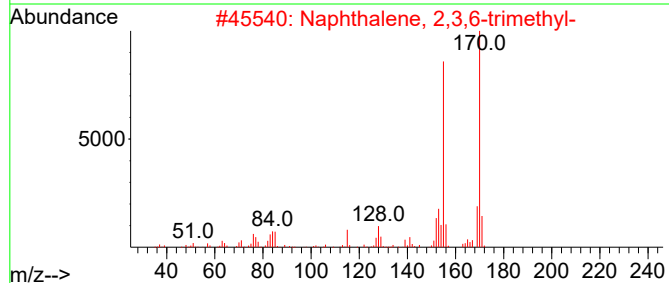
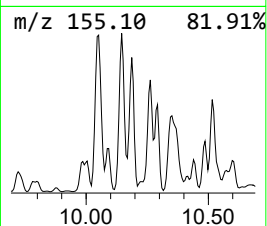
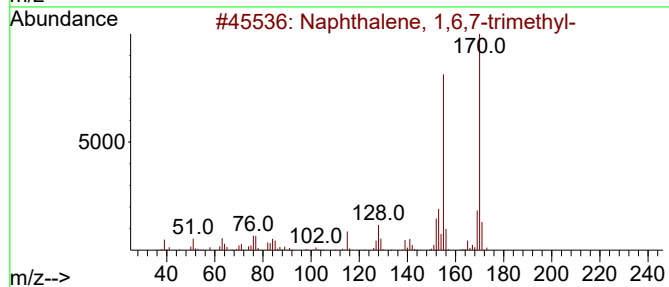
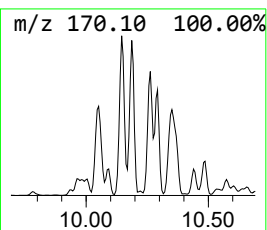
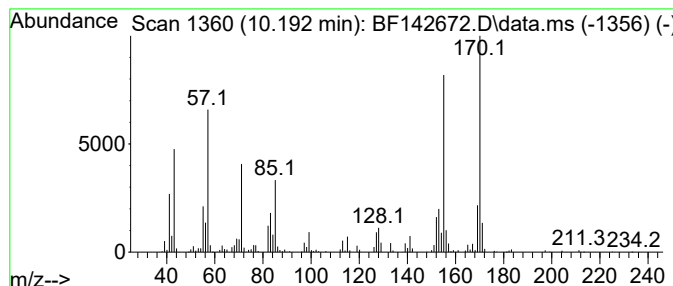
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Naphthalene, 1,6,7-trimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.192	14.94 ng	3953710	Acenaphthene-d10	9.945

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
2			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
3			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	93
4			4,6,8-Trimethylazulene	170	C13H14	000941-81-1	76
5			1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	76



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060625\
Data File : BF142672.D
Acq On : 07 Jun 2025 05:36
Operator : RC/JU
Sample : Q2125-07
Misc :
ALS Vial : 33 Sample Multiplier: 1

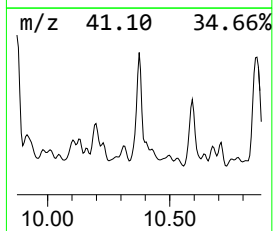
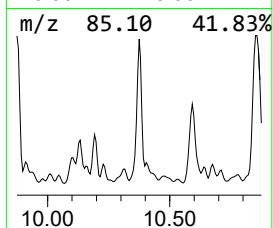
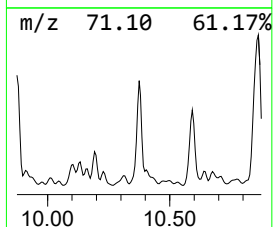
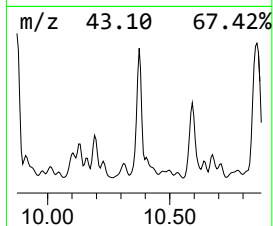
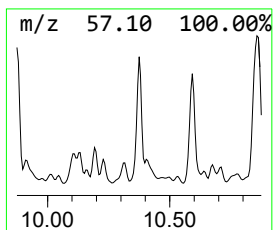
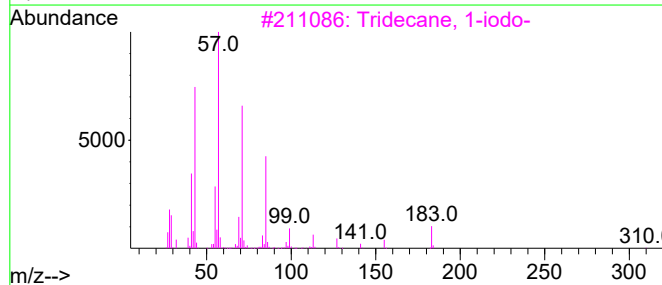
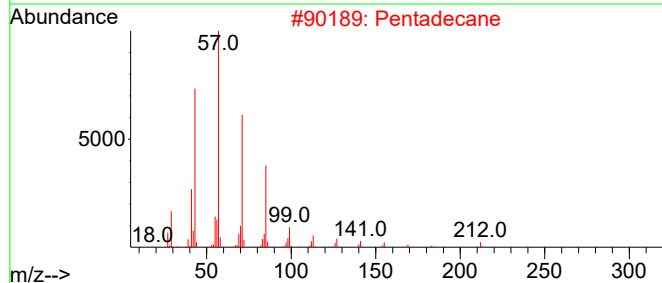
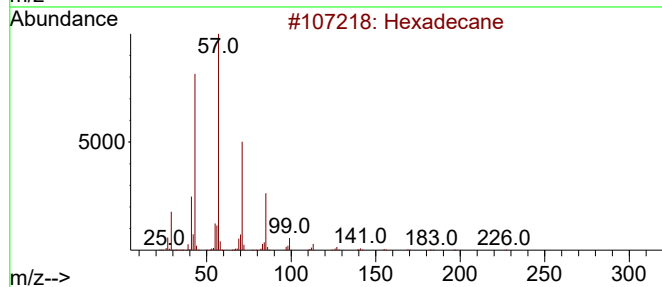
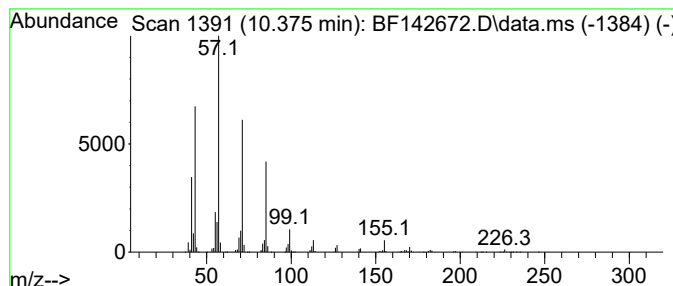
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Hexadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.375	20.67 ng	5469240	Acenaphthene-d10	9.945	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	97
2	Pentadecane	212	C15H32	000629-62-9	90
3	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86
4	Tetratetracontane	619	C44H90	007098-22-8	83
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060625\
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Operator : RC/JU
Sample : Q2125-07
Misc :
ALS Vial : 33 Sample Multiplier: 1

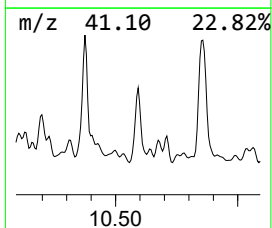
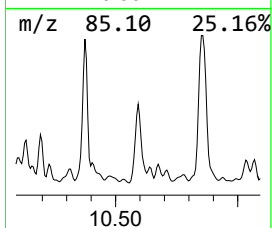
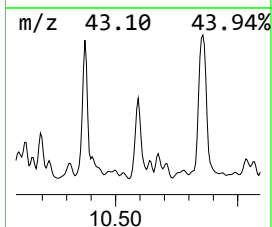
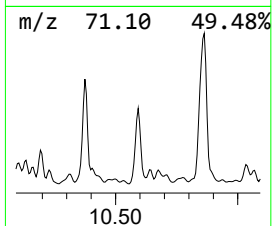
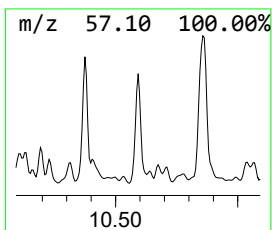
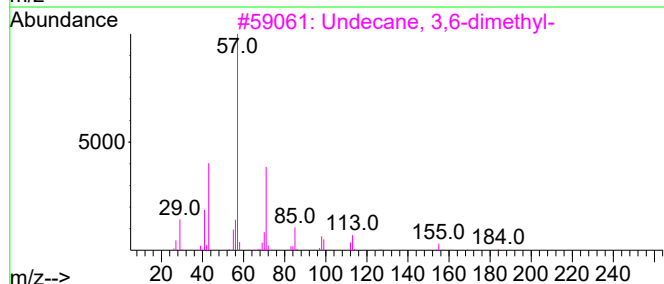
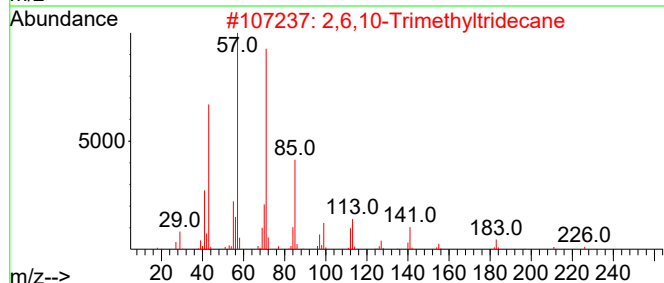
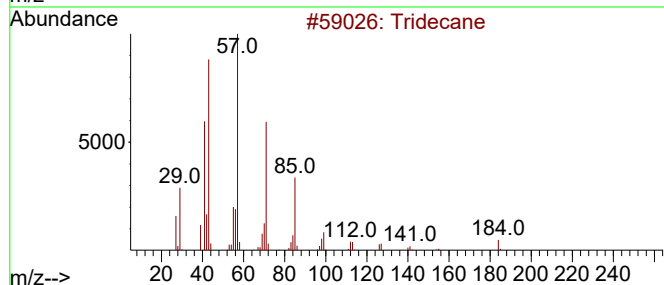
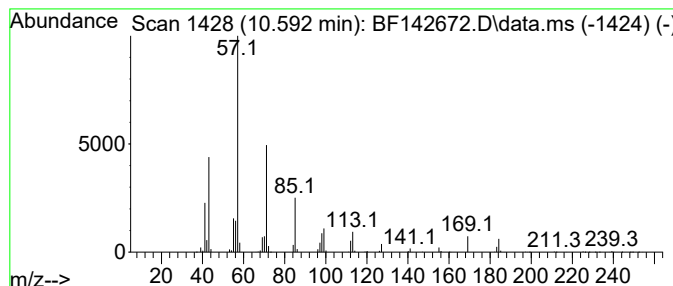
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 2,6,10-Trimethyltridecane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD			R.T.
10.592	14.20 ng	3756930	Acenaphthene-d10			9.945
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Tridecane		184	C13H28	000629-50-5	86
2	2,6,10-Trimethyltridecane		226	C16H34	003891-99-4	64
3	Undecane, 3,6-dimethyl-		184	C13H28	017301-28-9	59
4	Nonane, 2-methyl-5-propyl-		184	C13H28	031081-17-1	59
5	Undecane, 3,5-dimethyl-		184	C13H28	017312-81-1	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060625\
Data File : BF142672.D
Acq On : 07 Jun 2025 05:36
Operator : RC/JU
Sample : Q2125-07
Misc :
ALS Vial : 33 Sample Multiplier: 1

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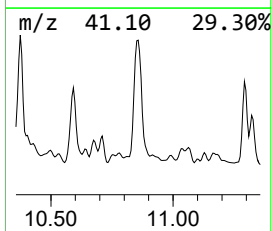
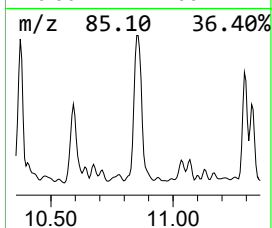
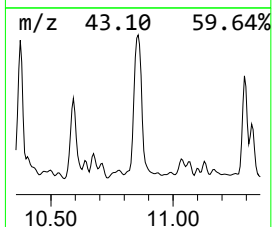
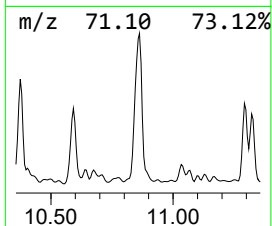
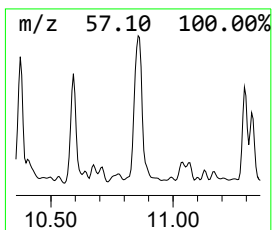
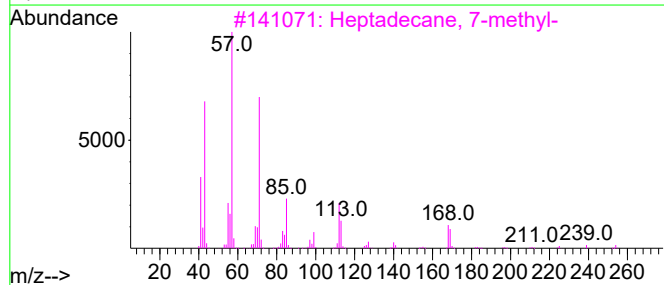
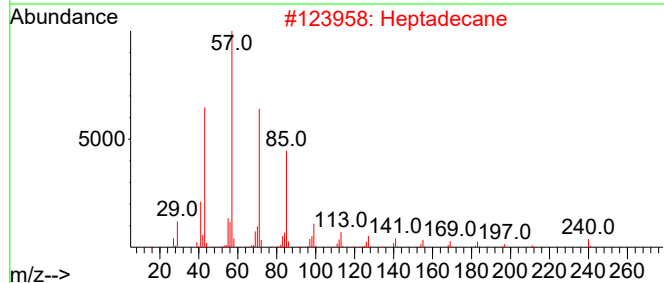
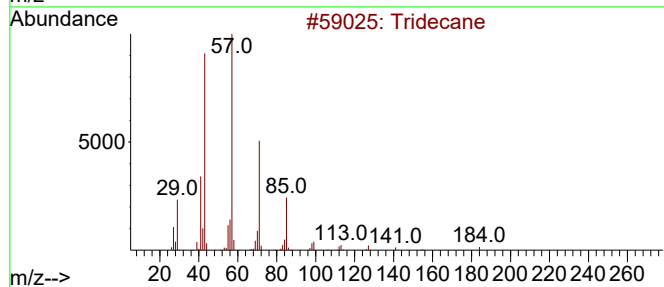
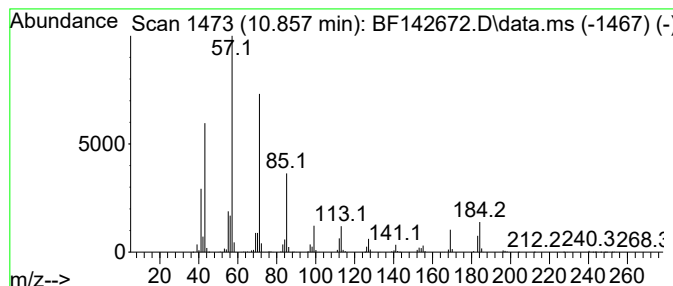
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Heptadecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.857	234.08 ng	8272640	Phenanthrene-d10	11.433

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	83
2			Heptadecane	240	C17H36	000629-78-7	80
3			Heptadecane, 7-methyl-	254	C18H38	020959-33-5	72
4			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72
5			Undecane, 5-methyl-	170	C12H26	001632-70-8	68



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060625\
Data File : BF142672.D
Acq On : 07 Jun 2025 05:36
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Sample : Q2125-07
Misc :
ALS Vial : 33 Sample Multiplier: 1

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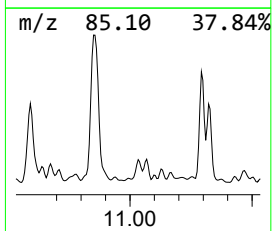
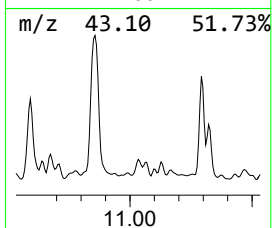
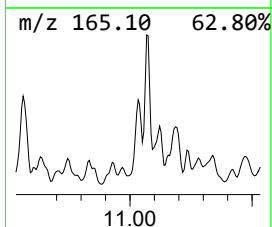
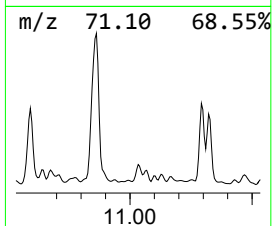
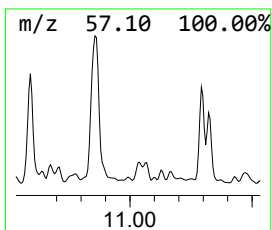
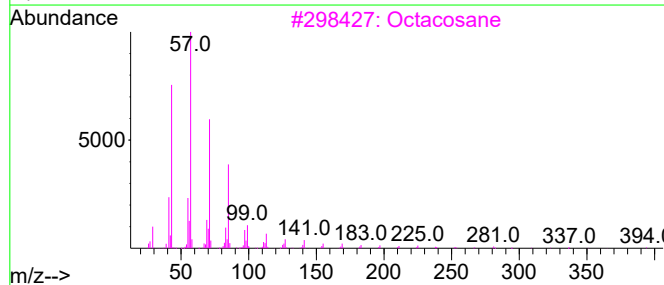
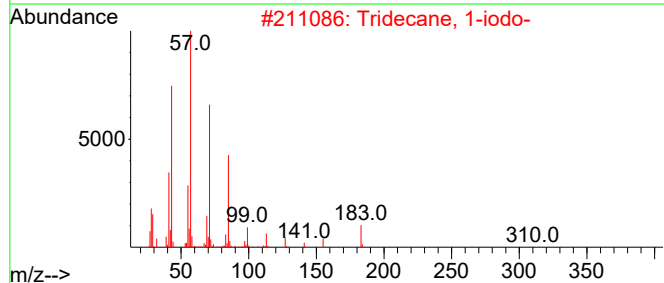
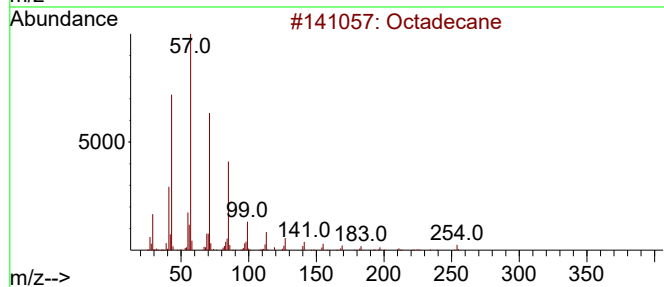
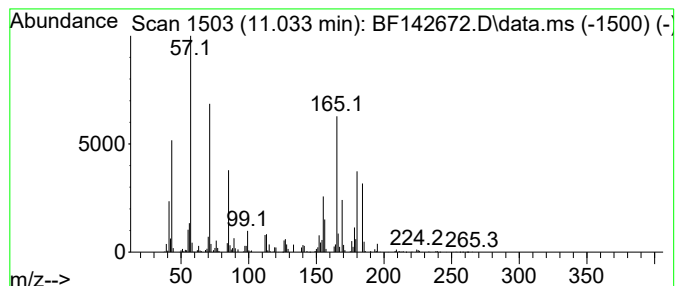
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 unknown11.033 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.033	25.08 ng	886397	Phenanthrene-d10	11.433

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecane	254	C18H38	000593-45-3	25
2			Tridecane, 1-iodo-	310	C13H27I	035599-77-0	25
3			Octacosane	394	C28H58	000630-02-4	25
4			Undecane	156	C11H24	001120-21-4	25
5			Dodecane, 1-iodo-	296	C12H25I	004292-19-7	25



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060625\
Data File : BF142672.D
Acq On : 07 Jun 2025 05:36
Operator : RC/JU
Sample : Q2125-07
Misc :
ALS Vial : 33 Sample Multiplier: 1

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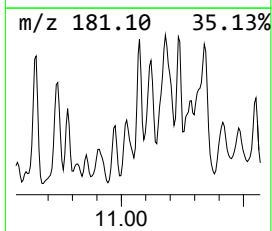
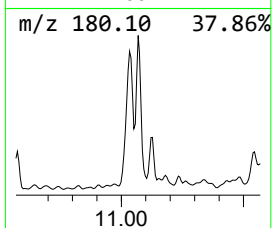
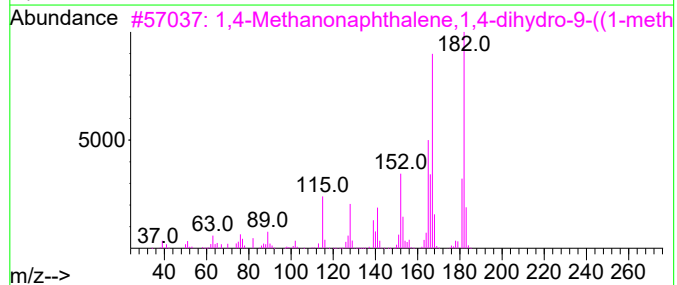
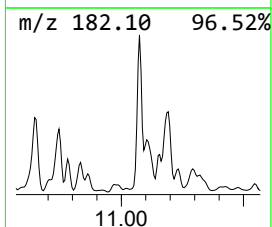
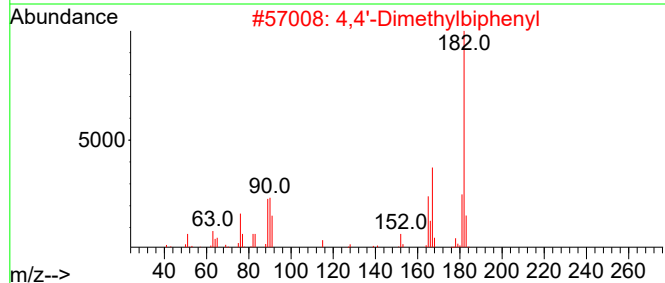
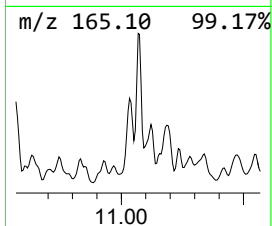
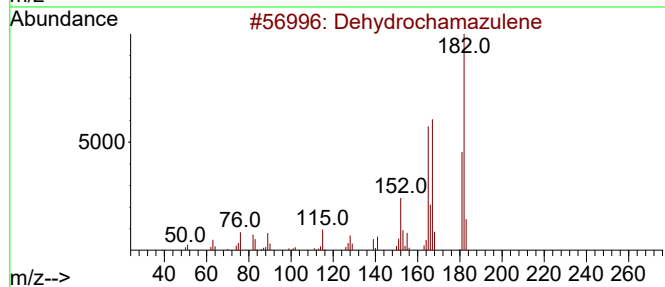
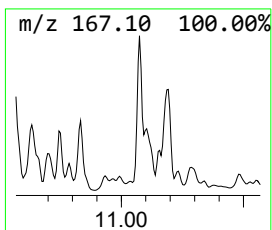
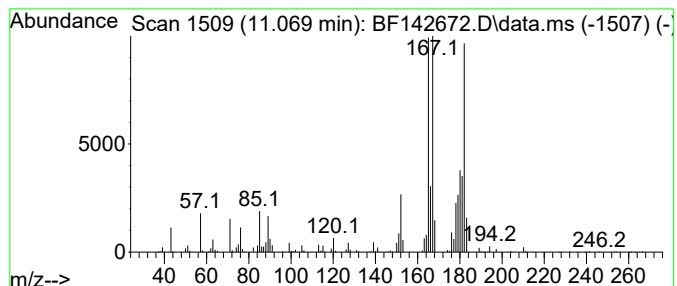
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Dehydrochamazulene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.069	30.25 ng	1069110	Phenanthrene-d10	11.433

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dehydrochamazulene	182	C14H14	321732-25-6	89
2			4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	76
3			1,4-Methanonaphthalene,1,4-dihyd...	182	C14H14	007350-72-3	70
4			Benzene, 1-methyl-4-(phenylmethyl)-	182	C14H14	000620-83-7	64
5			1,1'-Biphenyl, 2,3'-dimethyl-	182	C14H14	000611-43-8	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060625\
Data File : BF142672.D
Acq On : 07 Jun 2025 05:36
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Sample : Q2125-07
Misc :
ALS Vial : 33 Sample Multiplier: 1

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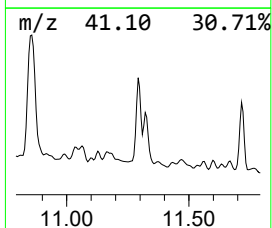
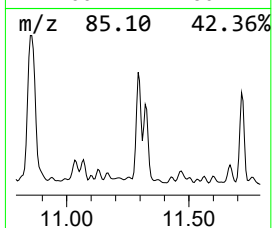
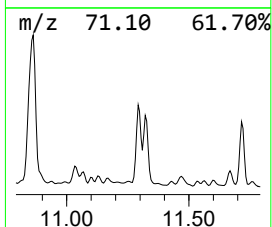
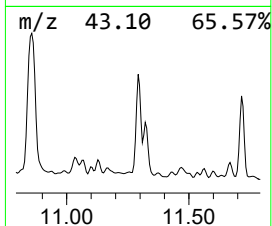
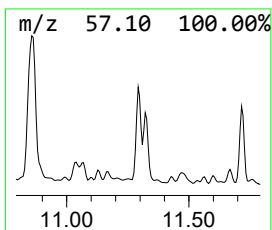
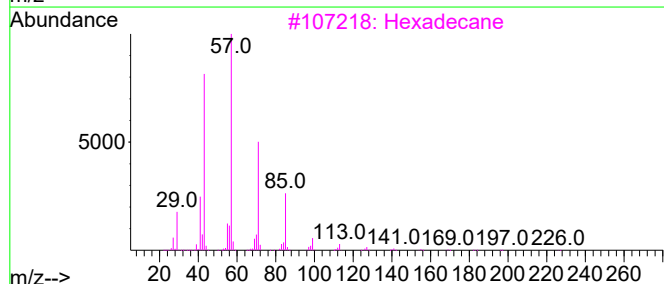
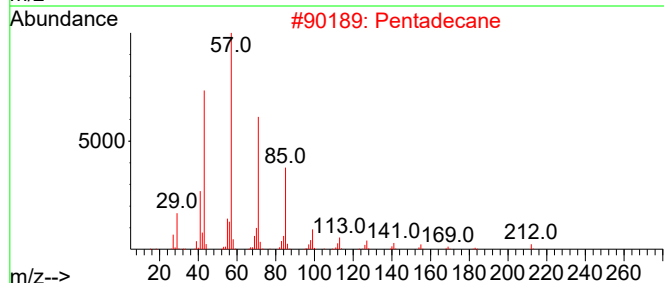
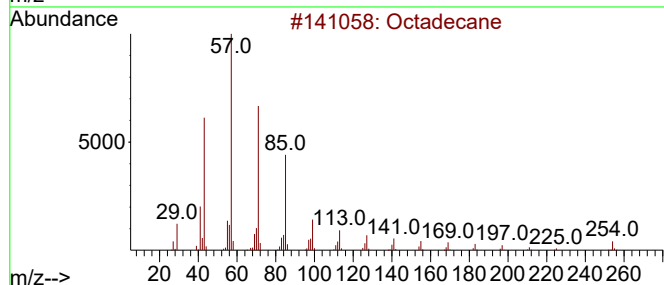
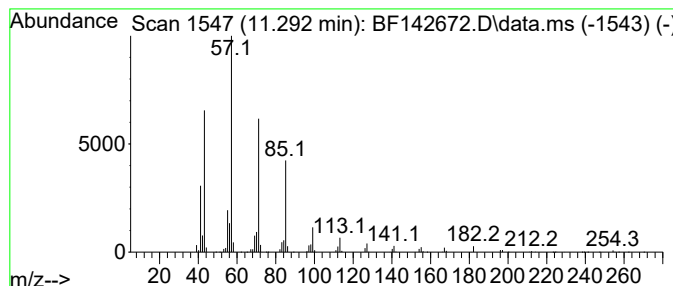
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Octadecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.292	92.68 ng	3275370	Phenanthrene-d10	11.433

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecane	254	C18H38	000593-45-3	95
2			Pentadecane	212	C15H32	000629-62-9	94
3			Hexadecane	226	C16H34	000544-76-3	90
4			Tetratetracontane	619	C44H90	007098-22-8	90
5			Heptadecane	240	C17H36	000629-78-7	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060625\
Data File : BF142672.D
Acq On : 07 Jun 2025 05:36
Operator : RC/JU
Sample : Q2125-07
Misc :
ALS Vial : 33 Sample Multiplier: 1

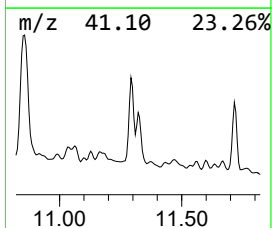
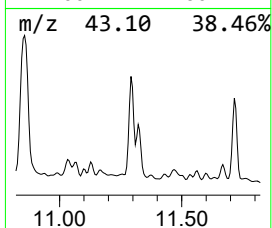
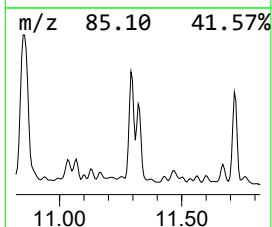
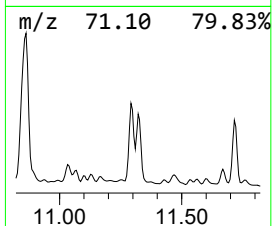
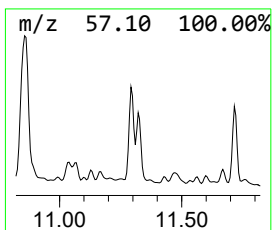
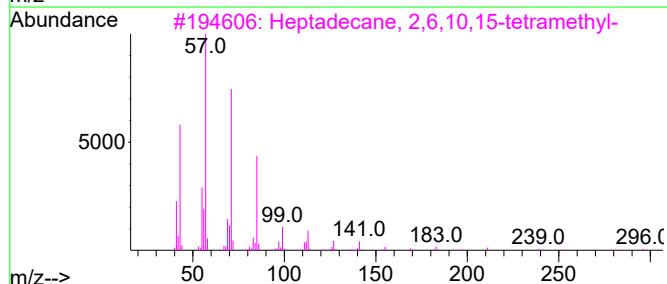
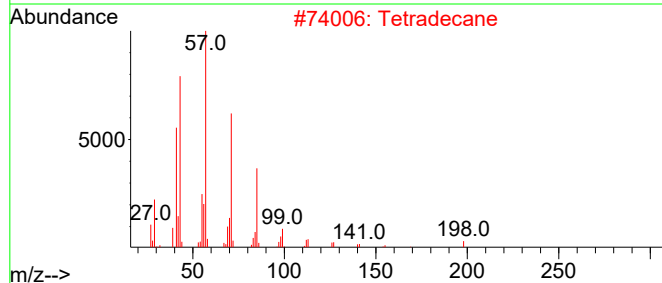
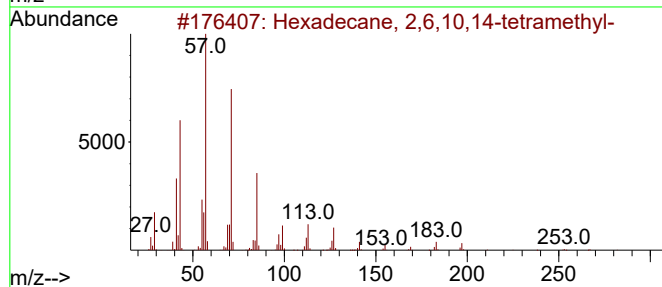
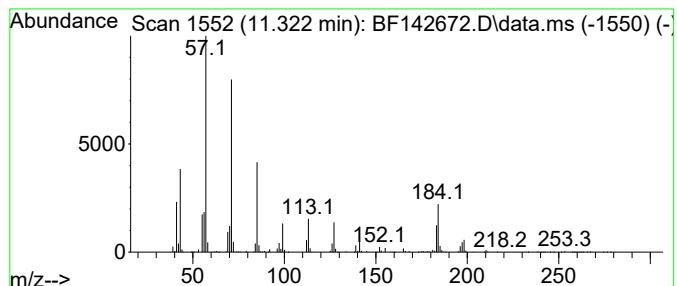
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Hexadecane, 2,6,10,14-tetra... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD			R.T.
11.322	80.52 ng	2845760	Phenanthrene-d10			11.433
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-		282	C20H42	000638-36-8	83
2	Tetradecane		198	C14H30	000629-59-4	76
3	Heptadecane, 2,6,10,15-tetramethyl-		296	C21H44	054833-48-6	72
4	Hexadecane, 2,6,11,15-tetramethyl-		282	C20H42	000504-44-9	72
5	Tridecane, 5-propyl-		226	C16H34	055045-11-9	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060625\
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Sample : Q2125-07
Misc :
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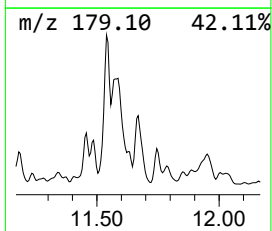
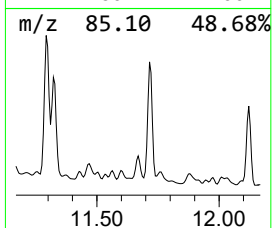
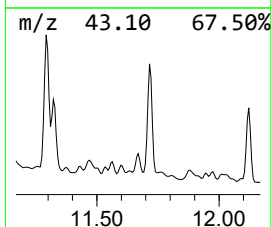
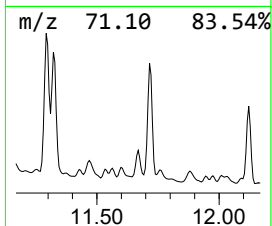
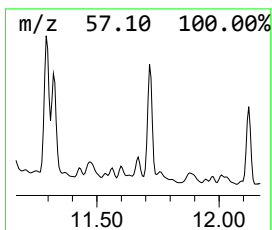
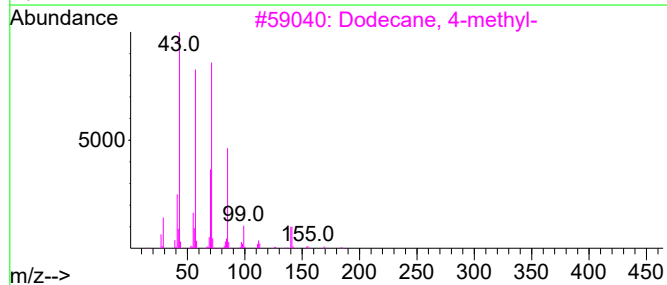
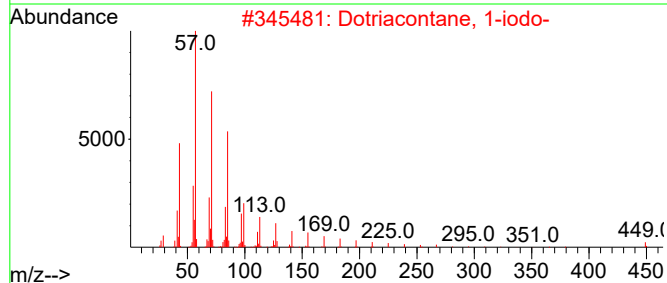
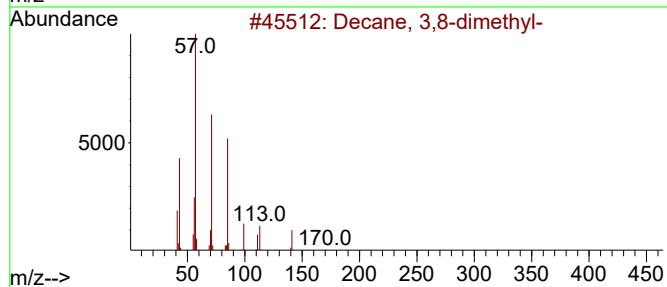
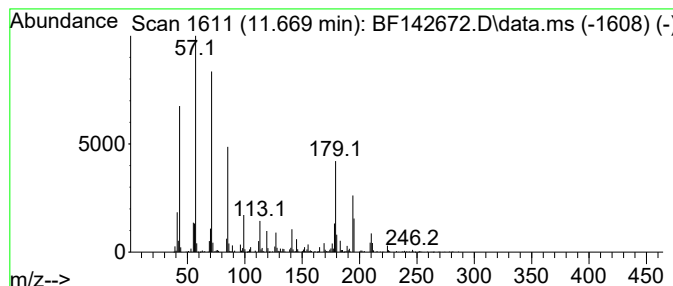
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Decane, 3,8-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.669	17.82 ng	629815	Phenanthrene-d10		11.433	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Decane, 3,8-dimethyl-		170	C12H26	017312-55-9	55
2	Dotriacontane, 1-iodo-		576	C32H65I	1000406-32-4	53
3	Dodecane, 4-methyl-		184	C13H28	006117-97-1	49
4	Hexacosane		366	C26H54	000630-01-3	49
5	2-Bromotetradecane		276	C14H29Br	074036-95-6	49



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060625\
Data File : BF142672.D
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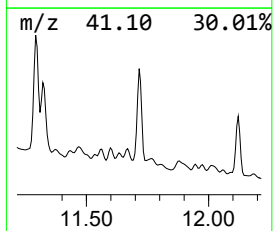
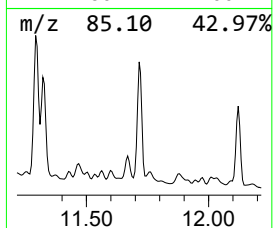
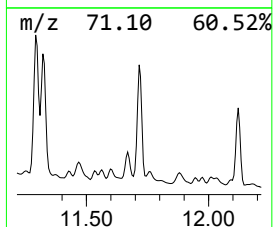
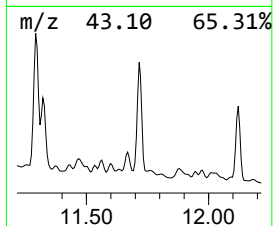
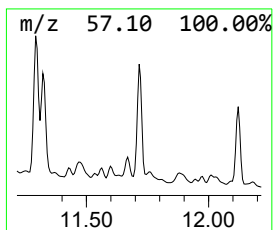
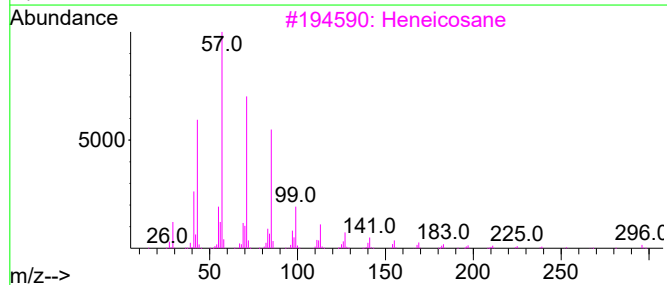
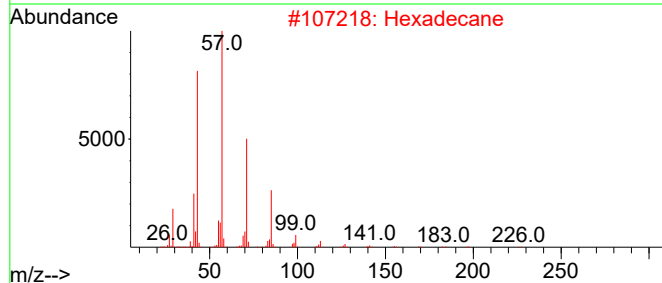
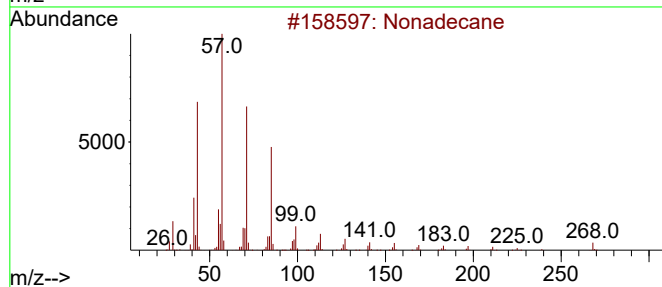
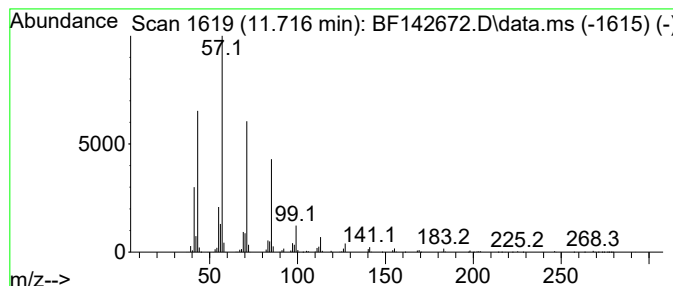
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 Heneicosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.716	66.90 ng	2364430	Phenanthrene-d10	11.433

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonadecane	268	C19H40	000629-92-5	96
2			Hexadecane	226	C16H34	000544-76-3	90
3			Heneicosane	296	C21H44	000629-94-7	90
4			Eicosane	282	C20H42	000112-95-8	90
5			Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060625\
Data File : BF142672.D
Acq On : 07 Jun 2025 05:36
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Sample : Q2125-07
Misc :
ALS Vial : 33 Sample Multiplier: 1

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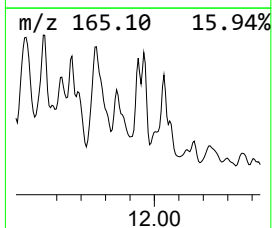
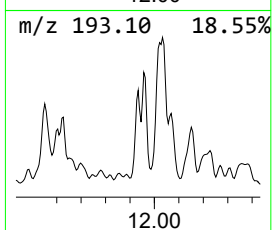
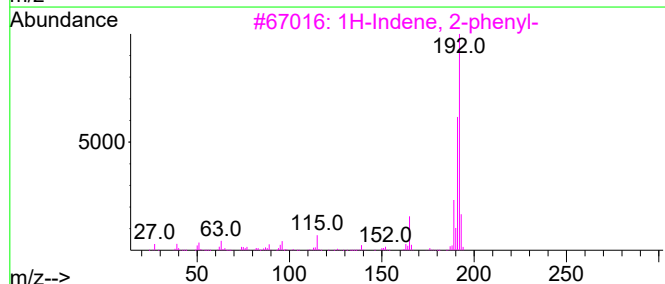
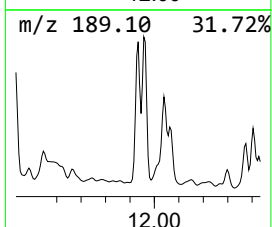
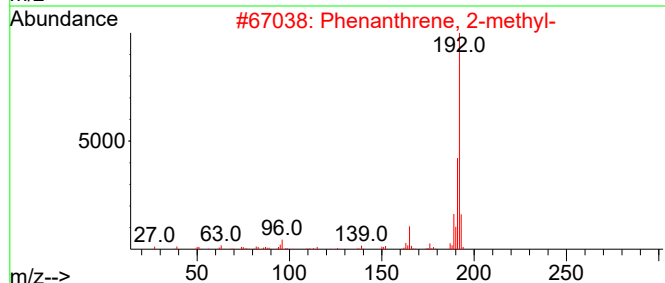
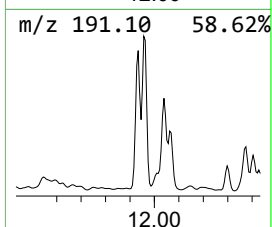
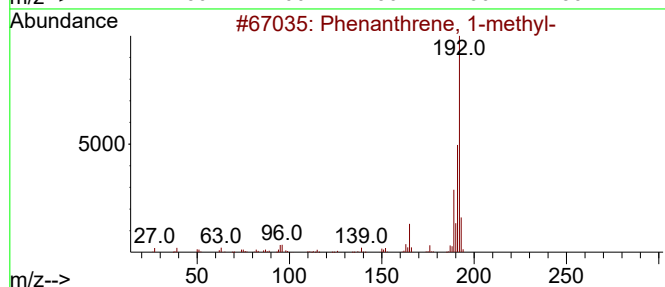
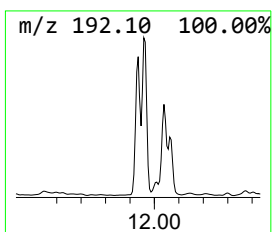
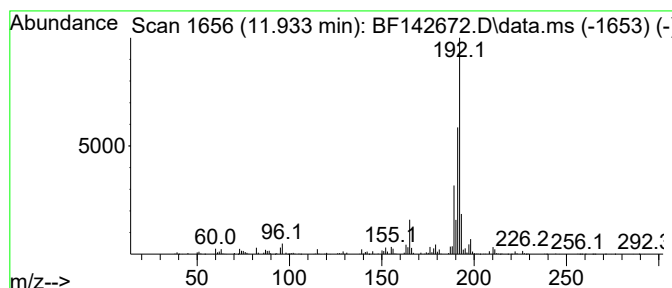
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Phenanthrene, 1-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.933	14.77 ng	521831	Phenanthrene-d10	11.433

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3			1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95
4			1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	94
5			Anthracene, 1-methyl-	192	C15H12	000610-48-0	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060625\
Data File : BF142672.D
Acq On : 07 Jun 2025 05:36
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Misc :
ALS Vial : 33 Sample Multiplier: 1

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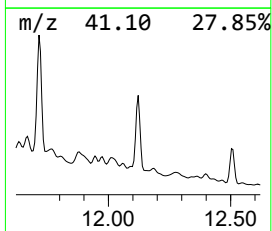
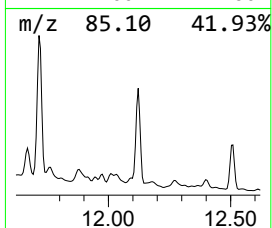
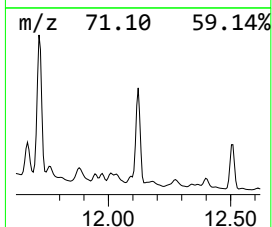
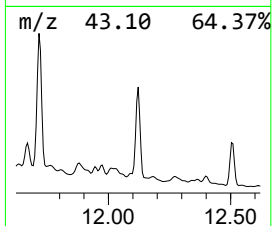
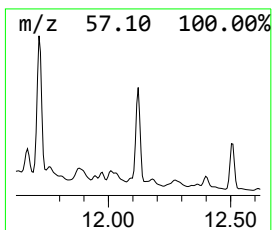
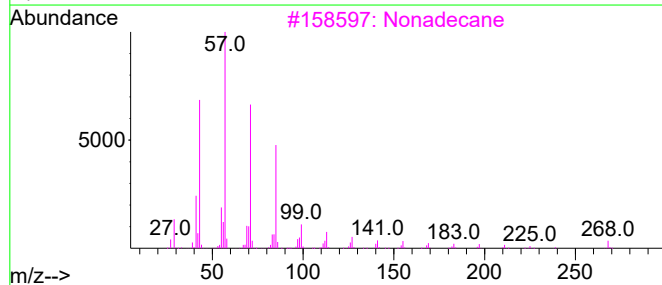
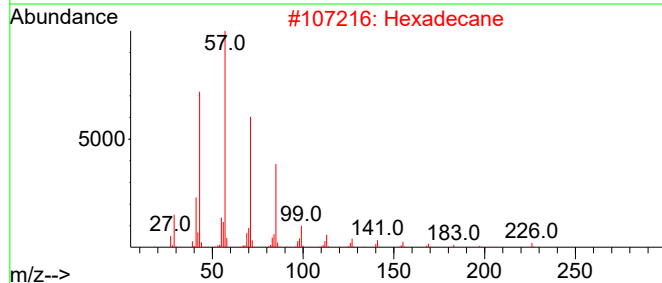
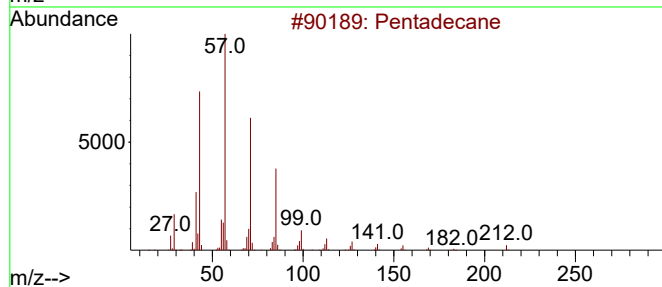
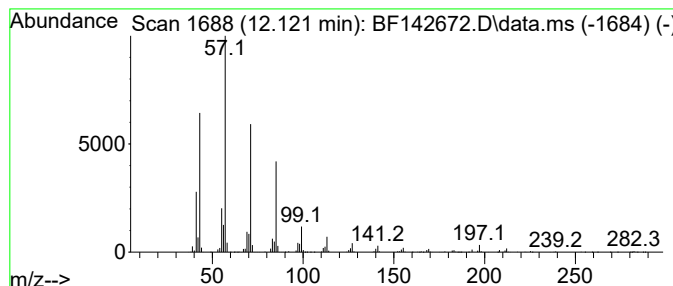
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Pentadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.121	45.68 ng	1614350	Phenanthrene-d10	11.433

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane	212	C15H32	000629-62-9	96
2			Hexadecane	226	C16H34	000544-76-3	91
3			Nonadecane	268	C19H40	000629-92-5	91
4			Octadecane	254	C18H38	000593-45-3	91
5			Heptadecane	240	C17H36	000629-78-7	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060625\
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Acq On : 07 Jun 2025 05:36
Operator : RC/JU
Sample : Q2125-07
Misc :
ALS Vial : 33 Sample Multiplier: 1

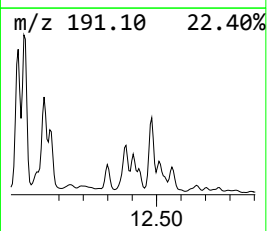
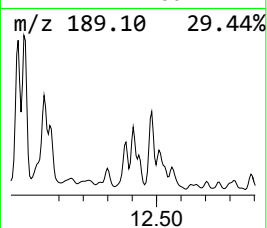
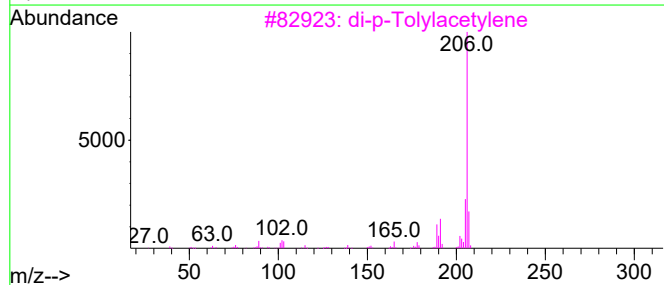
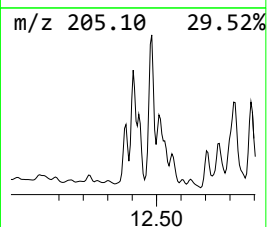
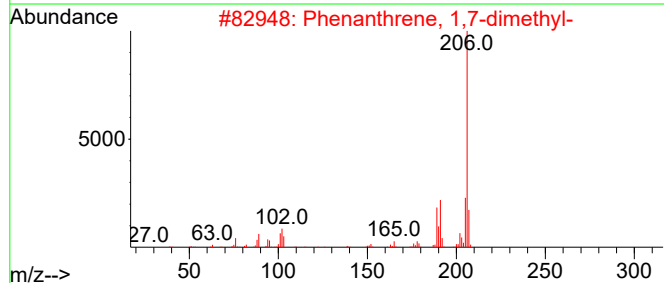
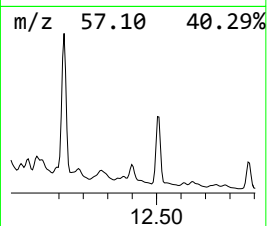
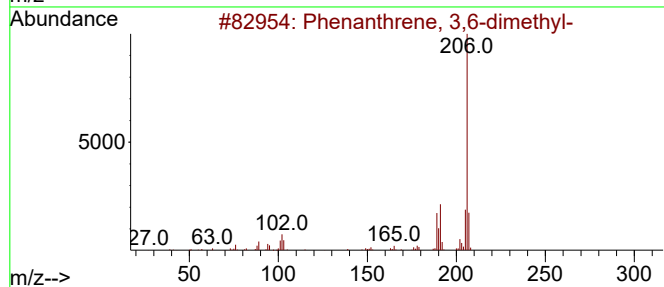
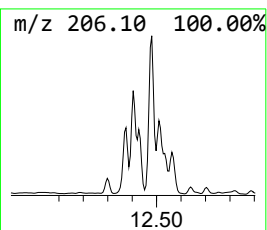
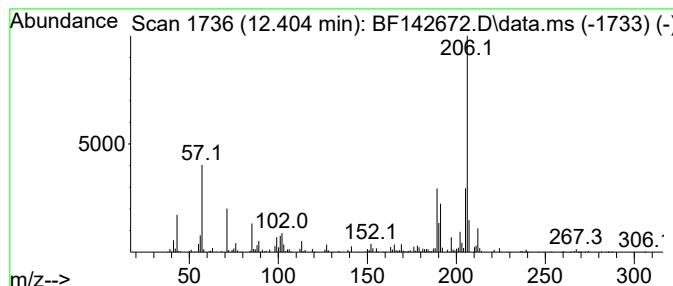
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ClientSampleId :
GSB3

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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 Phenanthrene, 3,6-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.404	20.32 ng	718009	Phenanthrene-d10	11.433	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	86
2	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	86
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	76
4	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	58
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	52



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060625\
Data File : BF142672.D
Acq On : 07 Jun 2025 05:36
Operator : RC/JU
Sample : Q2125-07
Misc :
ALS Vial : 33 Sample Multiplier: 1

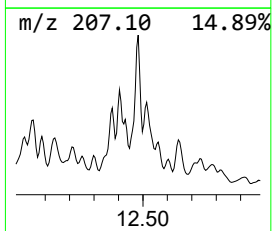
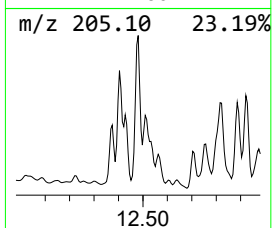
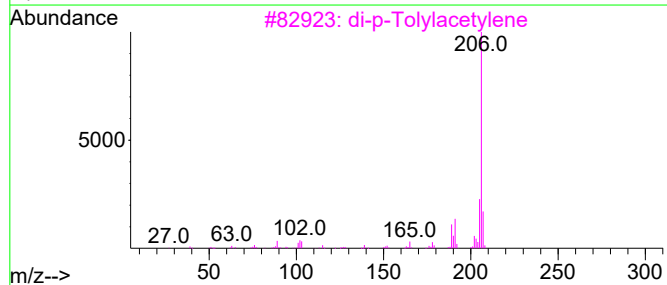
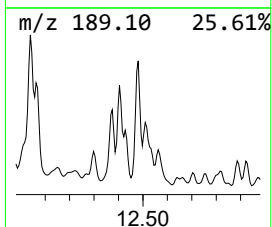
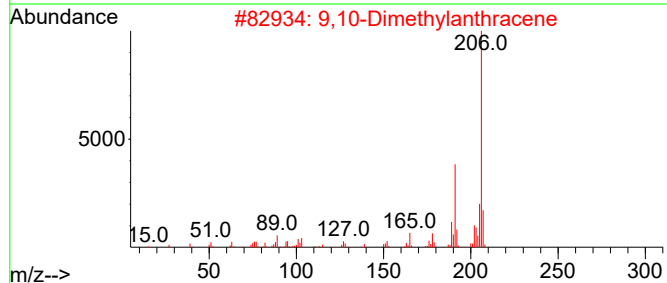
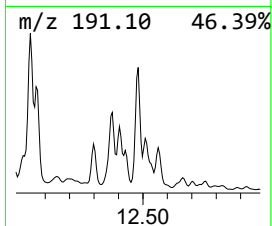
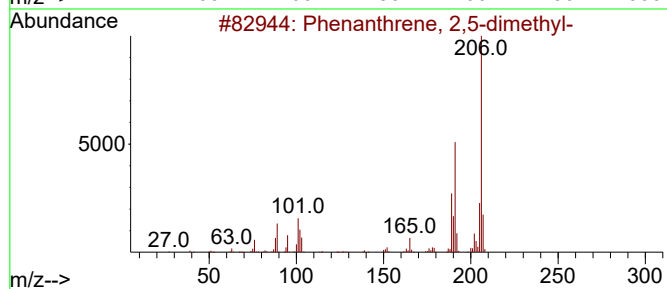
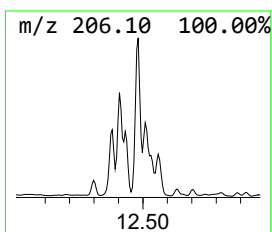
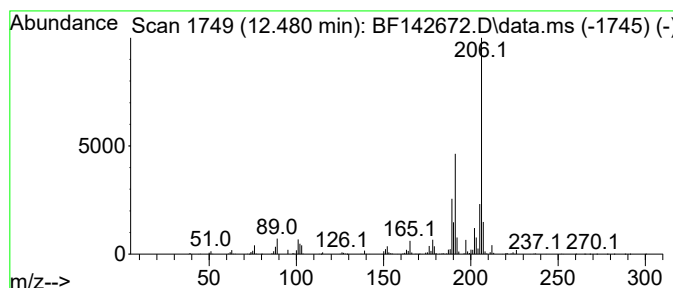
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Phenanthrene, 2,5-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.480	14.45 ng	510780	Phenanthrene-d10	11.433	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060625\
Data File : BF142672.D
Acq On : 07 Jun 2025 05:36
Operator : RC/JU
Sample : Q2125-07
Misc :
ALS Vial : 33 Sample Multiplier: 1

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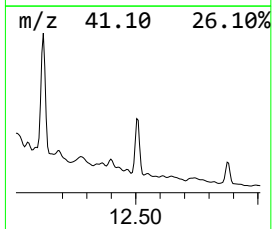
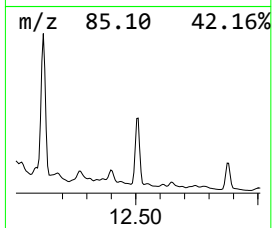
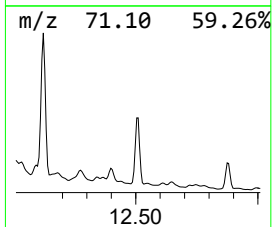
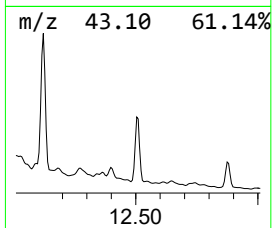
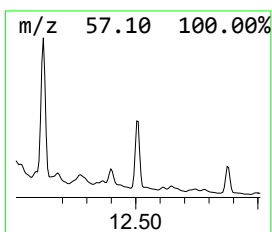
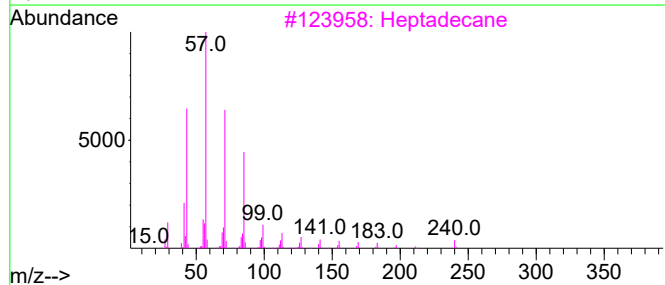
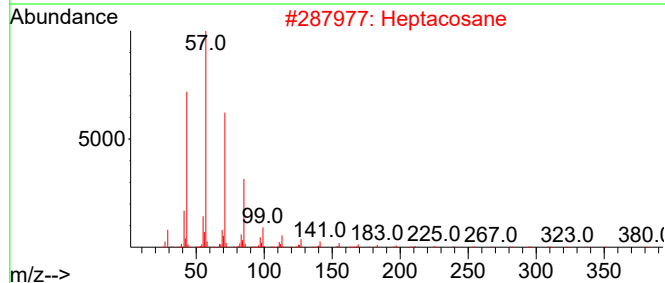
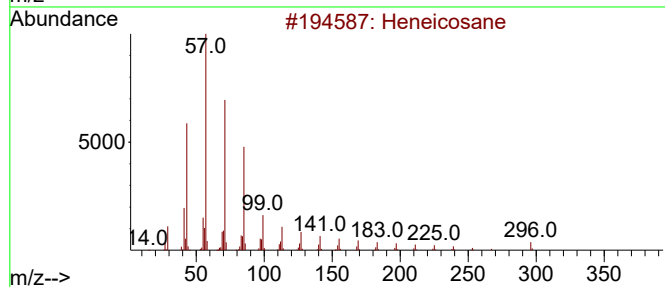
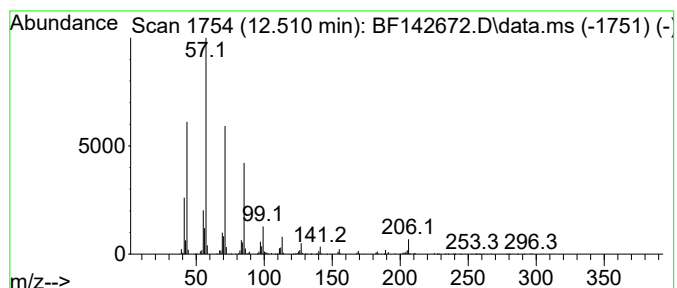
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Heptacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.510	28.27 ng	999010	Phenanthrene-d10	11.433

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heneicosane	296	C21H44	000629-94-7	96
2		Heptacosane	380	C27H56	000593-49-7	91
3		Heptadecane	240	C17H36	000629-78-7	91
4		Octadecane	254	C18H38	000593-45-3	91
5		Nonadecane	268	C19H40	000629-92-5	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060625\
Data File : BF142672.D
Acq On : 07 Jun 2025 05:36
Operator : RC/JU
Sample : Q2125-07
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GSB3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Dodecane, 4,6-d...	8.604	16.0	ng	2839240	2	8.181	3544540	20.0
Tridecane	8.775	21.8	ng	3855670	2	8.181	3544540	20.0
Tetradecane	9.345	20.2	ng	5336340	3	9.945	5291460	20.0
Nonadecane	9.663	21.7	ng	5736160	3	9.945	5291460	20.0
Carbonic acid, ...	9.875	20.0	ng	5291460	3	9.945	5291460	20.0
Naphthalene, 1,...	10.192	14.9	ng	3953710	3	9.945	5291460	20.0
Hexadecane	10.375	20.7	ng	5469240	3	9.945	5291460	20.0
2,6,10-Trimethy...	10.592	14.2	ng	3756930	3	9.945	5291460	20.0
Heptadecane	10.857	234.1	ng	8272640	4	11.433	706822	20.0
unknown11.033	11.033	25.1	ng	886397	4	11.433	706822	20.0
Dehydrochamazulene	11.069	30.3	ng	1069110	4	11.433	706822	20.0
Octadecane	11.292	92.7	ng	3275370	4	11.433	706822	20.0
Hexadecane, 2,6...	11.322	80.5	ng	2845760	4	11.433	706822	20.0
Decane, 3,8-dim...	11.669	17.8	ng	629815	4	11.433	706822	20.0
Heneicosane	11.716	66.9	ng	2364430	4	11.433	706822	20.0
Phenanthrene, 1...	11.933	14.8	ng	521831	4	11.433	706822	20.0
Pentadecane	12.121	45.7	ng	1614350	4	11.433	706822	20.0
Phenanthrene, 3...	12.404	20.3	ng	718009	4	11.433	706822	20.0
Phenanthrene, 2...	12.480	14.4	ng	510780	4	11.433	706822	20.0
Heptacosane	12.510	28.3	ng	999010	4	11.433	706822	20.0