

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070725\
 Data File : BF143017.D
 Acq On : 07 Jul 2025 19:21
 Operator : RC/JU
 Sample : Q2507-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-04-7.3-2025

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

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

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF143017.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.087	484	492	503	rBV	58521	87741	8.94%	0.548%
2	5.492	556	561	578	rVB	630005	851388	86.71%	5.319%
3	6.504	728	733	747	rBV	612522	814440	82.95%	5.088%
4	6.704	763	767	774	rBV4	12115	18293	1.86%	0.114%
5	6.875	791	796	802	rVB	259690	323349	32.93%	2.020%
6	7.145	835	842	845	rBV3	13243	22950	2.34%	0.143%
7	7.186	845	849	855	rBV3	6705	12865	1.31%	0.080%
8	7.263	856	862	866	rBV3	20591	34498	3.51%	0.216%
9	7.345	872	876	881	rBV4	6778	14010	1.43%	0.088%
10	7.433	881	891	896	rBV	388256	553205	56.34%	3.456%
11	7.516	900	905	909	rVB5	23729	36260	3.69%	0.227%
12	7.563	909	913	915	rBV4	7228	11832	1.21%	0.074%
13	7.598	915	919	924	rBV5	5604	12542	1.28%	0.078%
14	7.681	929	933	940	rVB3	49173	71650	7.30%	0.448%
15	7.798	941	953	957	rBV5	42534	110077	11.21%	0.688%
16	7.869	962	965	967	rBV4	10864	12361	1.26%	0.077%
17	7.898	967	970	972	rBV3	12277	13057	1.33%	0.082%
18	7.975	980	983	989	rVB5	19194	34388	3.50%	0.215%
19	8.028	989	992	994	rBV2	23115	25303	2.58%	0.158%
20	8.057	994	997	1001	rVB2	23013	27588	2.81%	0.172%
21	8.157	1007	1014	1020	rBV	301479	472736	48.15%	2.953%
22	8.210	1020	1023	1026	rVB2	46355	57963	5.90%	0.362%
23	8.245	1026	1029	1035	rBV5	20196	29796	3.03%	0.186%
24	8.328	1039	1043	1046	rBV2	31296	49214	5.01%	0.307%
25	8.445	1059	1063	1067	rBV4	57610	82627	8.42%	0.516%
26	8.539	1076	1079	1082	rBV3	18501	21762	2.22%	0.136%
27	8.575	1082	1085	1086	rBV	21638	23103	2.35%	0.144%
28	8.598	1086	1089	1092	rVB2	27258	28952	2.95%	0.181%
29	8.663	1096	1100	1103	rBV2	61218	87035	8.86%	0.544%
30	8.745	1110	1114	1117	rBV	77490	103188	10.51%	0.645%
31	8.904	1138	1141	1144	rBV4	28567	41941	4.27%	0.262%
32	8.980	1150	1154	1158	rBV4	75343	96061	9.78%	0.600%
33	9.104	1171	1175	1181	rBV3	51754	93579	9.53%	0.585%
34	9.175	1184	1187	1190	rVV3	61632	79090	8.05%	0.494%
35	9.233	1193	1197	1201	rVB	718298	859054	87.49%	5.367%
36	9.310	1206	1210	1214	rBV	168256	214356	21.83%	1.339%

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Integrator: RTE

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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

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37	9.380	1220	1222	1226	rVB	46598	51273	5.22%	0.320%
38	9.551	1247	1251	1252	rBV3	49420	64366	6.56%	0.402%
39	9.627	1260	1264	1267	rBV3	111227	153484	15.63%	0.959%
40	9.692	1272	1275	1279	rVB3	75504	90002	9.17%	0.562%
41	9.780	1286	1290	1293	rBV4	54942	85512	8.71%	0.534%
42	9.839	1296	1300	1304	rVB	176226	231717	23.60%	1.448%
43	9.916	1309	1313	1317	rVB	269949	343933	35.03%	2.149%
44	10.016	1328	1330	1335	rVB3	42995	51235	5.22%	0.320%
45	10.074	1336	1340	1341	rBV2	48681	62359	6.35%	0.390%
46	10.163	1351	1355	1359	rBV4	76714	100430	10.23%	0.627%
47	10.233	1364	1367	1374	rBV5	56153	146095	14.88%	0.913%
48	10.339	1380	1385	1389	rBV	275907	372074	37.89%	2.324%
49	10.557	1418	1422	1428	rVB	159785	262363	26.72%	1.639%
50	10.627	1429	1434	1440	rBV3	76736	155877	15.88%	0.974%
51	10.710	1444	1448	1452	rVB	339323	416616	42.43%	2.603%
52	10.816	1462	1466	1475	rVB	400862	701537	71.45%	4.383%
53	11.010	1496	1499	1501	rBV	42484	56969	5.80%	0.356%
54	11.263	1538	1542	1545	rBV	340410	447853	45.61%	2.798%
55	11.292	1545	1547	1554	rVB2	207559	277075	28.22%	1.731%
56	11.410	1562	1567	1569	rBV	297204	444413	45.26%	2.776%
57	11.433	1569	1571	1576	rVV	287593	337917	34.41%	2.111%
58	11.480	1577	1579	1582	rVB	46450	51037	5.20%	0.319%
59	11.574	1592	1595	1598	rVB2	40151	46116	4.70%	0.288%
60	11.645	1603	1607	1611	rBV3	62529	90494	9.22%	0.565%
61	11.692	1611	1615	1619	rVB	305942	369207	37.60%	2.306%
62	11.986	1662	1665	1667	rBV2	45145	56062	5.71%	0.350%
63	12.021	1668	1671	1678	rVB3	89262	177251	18.05%	1.107%
64	12.098	1680	1684	1688	rVB	262646	308663	31.44%	1.928%
65	12.380	1730	1732	1736	rVB2	39153	39148	3.99%	0.245%
66	12.457	1742	1745	1747	rBV2	56637	72688	7.40%	0.454%
67	12.486	1747	1750	1758	rVB	214258	277762	28.29%	1.735%
68	12.627	1769	1774	1778	rBV	481724	620057	63.15%	3.873%
69	12.857	1806	1813	1818	rBV	551565	817969	83.31%	5.110%
70	12.992	1831	1836	1844	rVB	723826	981891	100.00%	6.134%
71	13.068	1846	1849	1855	rBV3	46219	88192	8.98%	0.551%
72	13.215	1871	1874	1877	rBV	75626	84511	8.61%	0.528%
73	13.286	1883	1886	1893	rBV2	50955	69708	7.10%	0.435%
74	13.557	1929	1932	1936	rBV	63212	83195	8.47%	0.520%
75	14.051	2011	2016	2020	rBV2	379440	645517	65.74%	4.033%
76	14.204	2039	2042	2052	rVB4	57738	90299	9.20%	0.564%

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

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Peak separation: 5

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	15.115	2193	2197	2203	rBV	132250	254849	25.95%	1.592%
78	15.486	2257	2260	2266	rVB	112826	175487	17.87%	1.096%
79	15.556	2267	2272	2284	rVB2	174020	326231	33.22%	2.038%

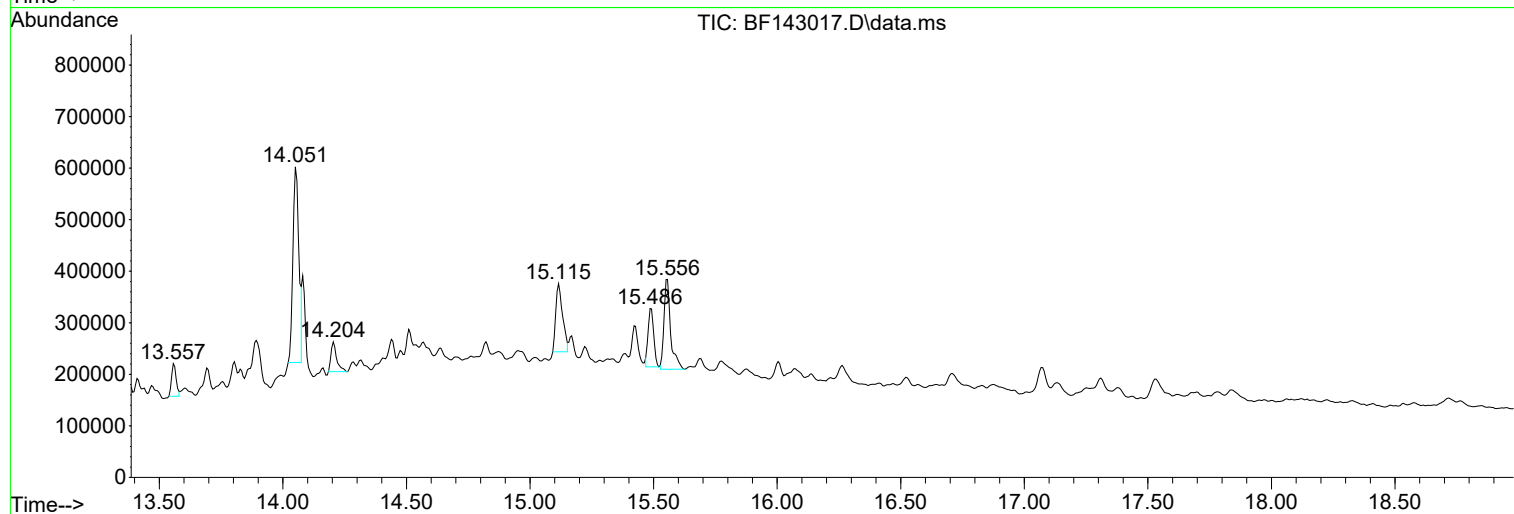
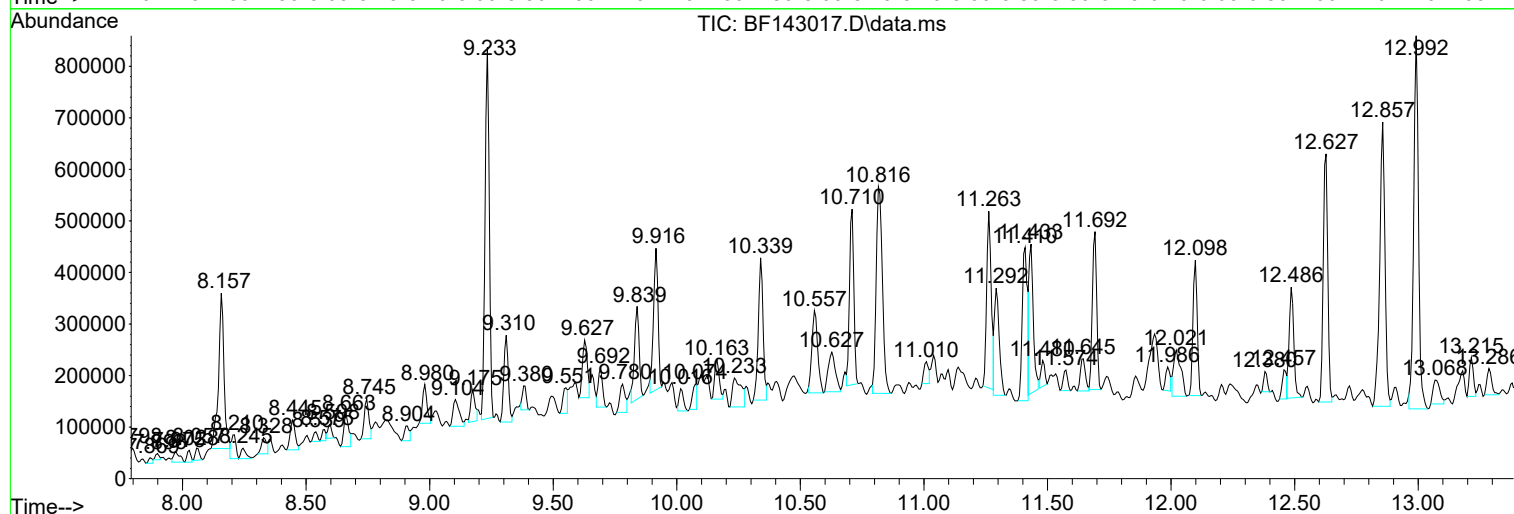
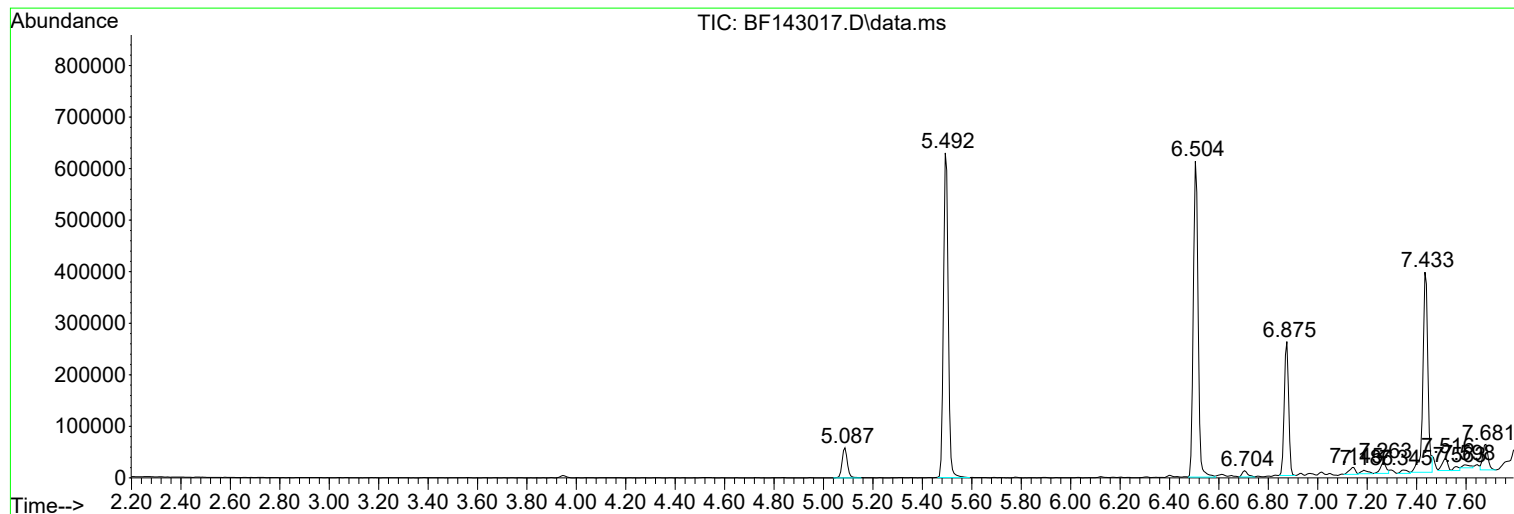
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Operator : RC/JU
Sample : Q2507-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

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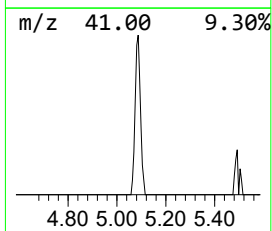
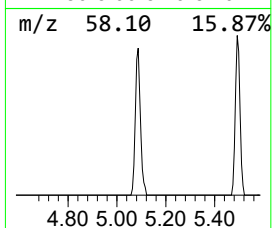
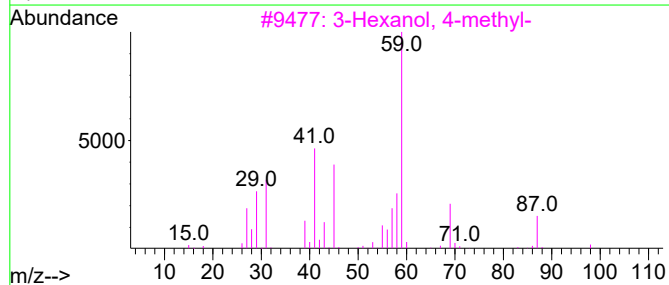
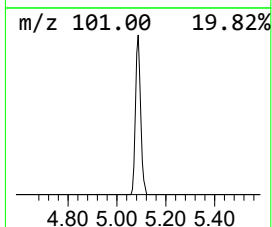
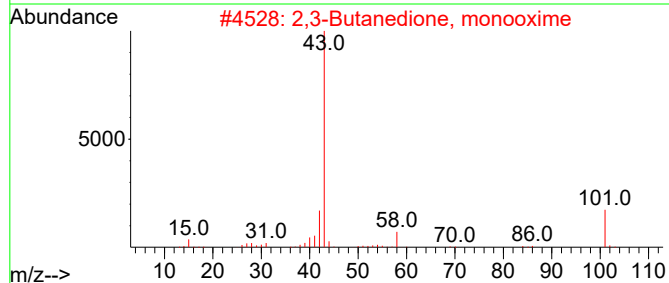
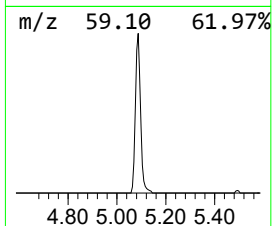
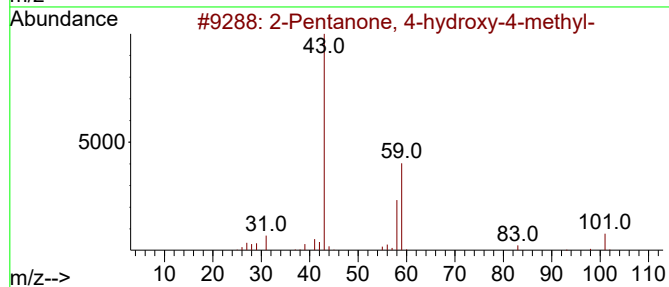
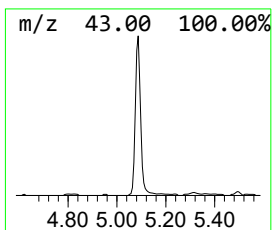
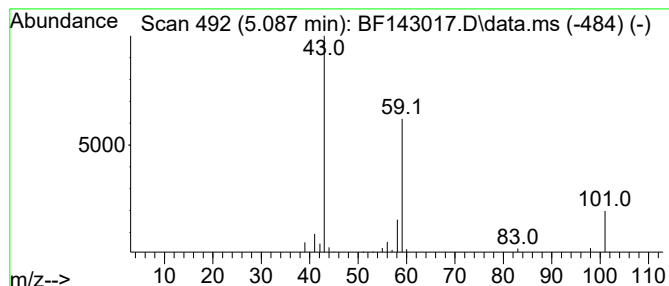
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.087	5.43 ng	87741	1,4-Dichlorobenzene-d4	6.875

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	35
3			3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
4			3-Hexanol	102	C6H14O	000623-37-0	28
5			Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23



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ALS Vial : 16 Sample Multiplier: 1

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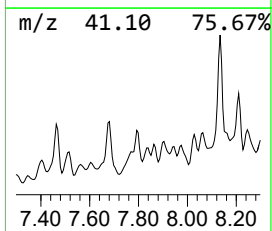
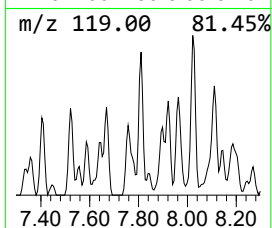
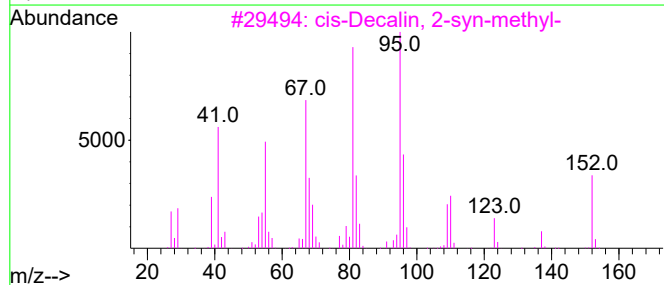
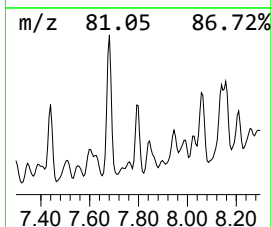
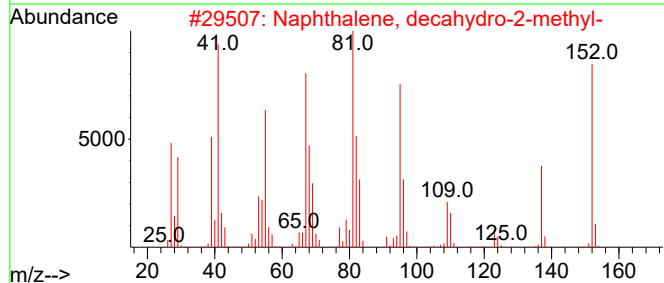
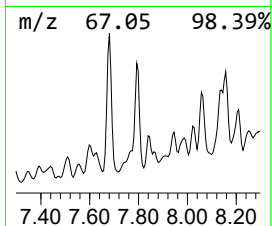
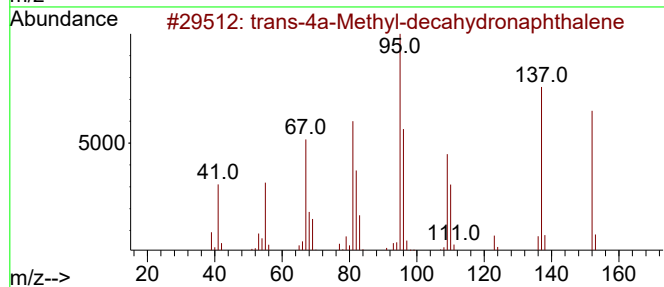
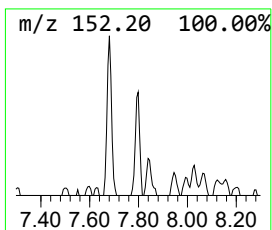
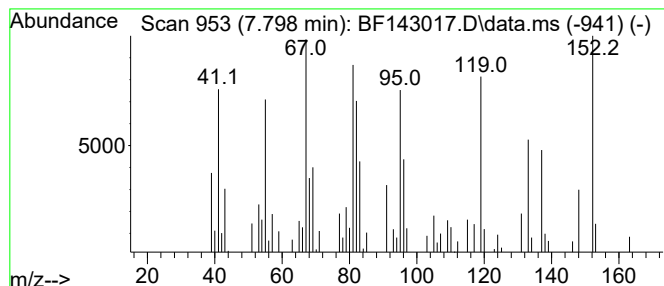
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 trans-4a-Methyl-decahydrona... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.798	4.66 ng	110077	Naphthalene-d8	8.157

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			trans-4a-Methyl-decahydronaphtha...	152	C11H20	002547-27-5	55
2			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	53
3			cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	52
4			Camphor	152	C10H16O	000076-22-2	49
5			Decalin, syn-1-methyl-, cis-	152	C11H20	1000158-89-1	49



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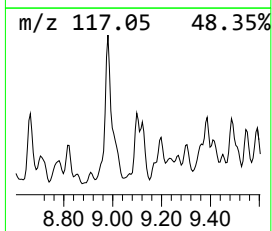
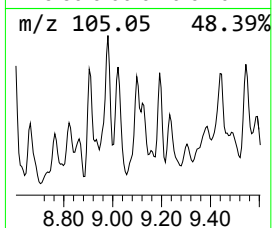
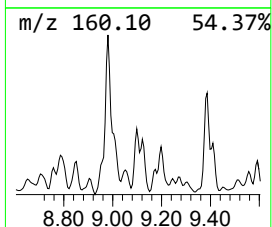
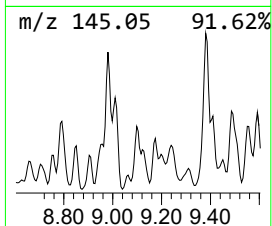
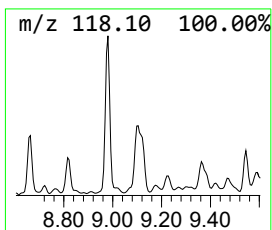
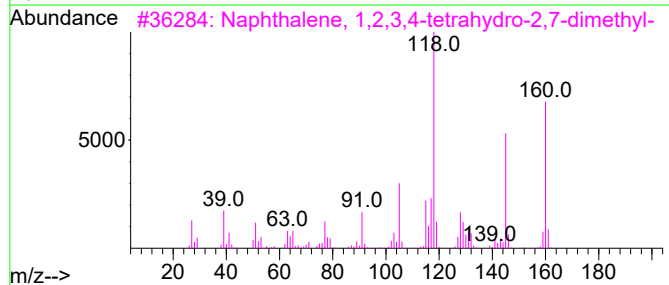
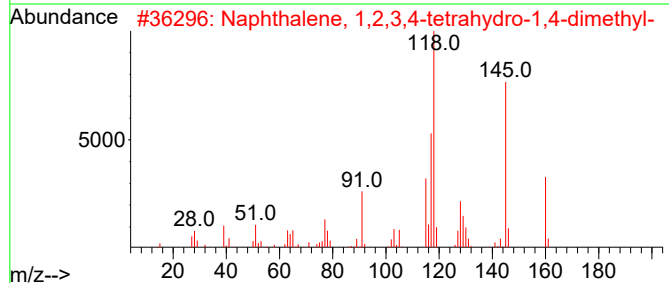
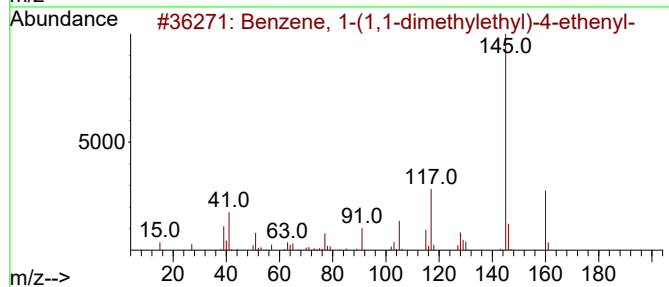
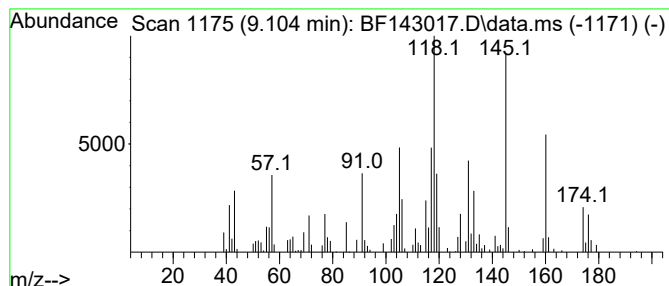
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Benzene, 1-(1,1-dimethyleth... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.	
9.104	5.44 ng	93579	Acenaphthene-d10	9.916	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-(1,1-dimethylethyl)-4...	160	C12H16	001746-23-2	59
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	58
3	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	46
4	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021693-54-9	45
5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	007524-63-2	43



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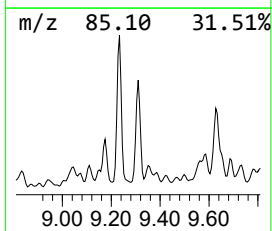
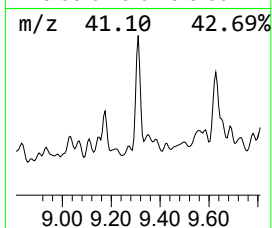
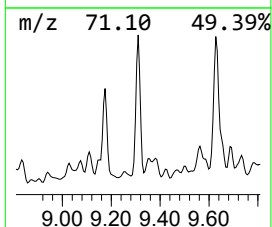
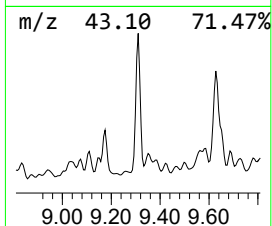
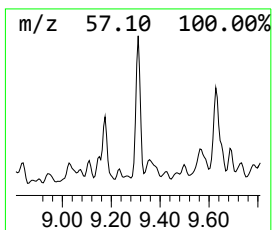
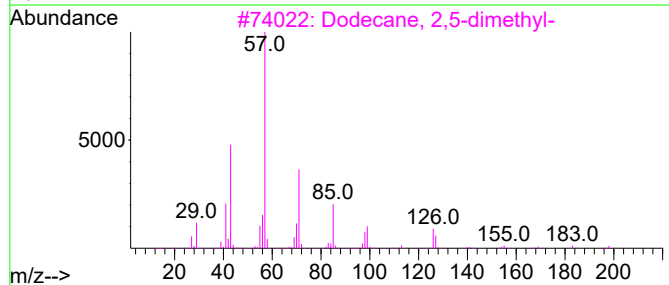
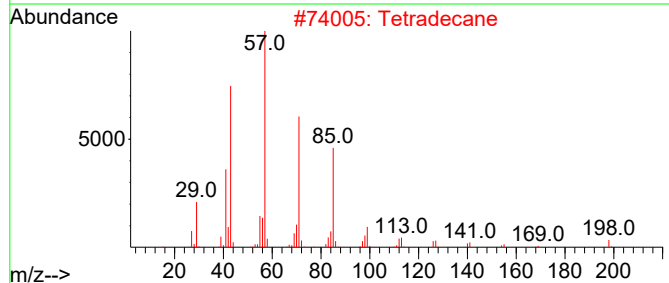
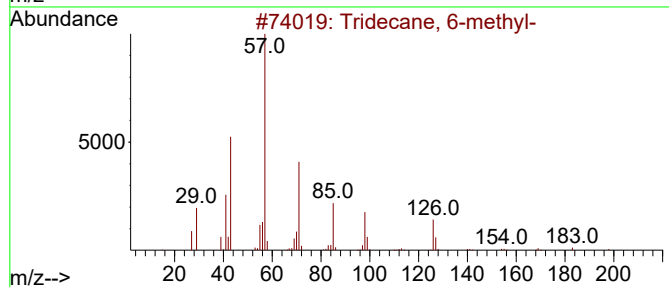
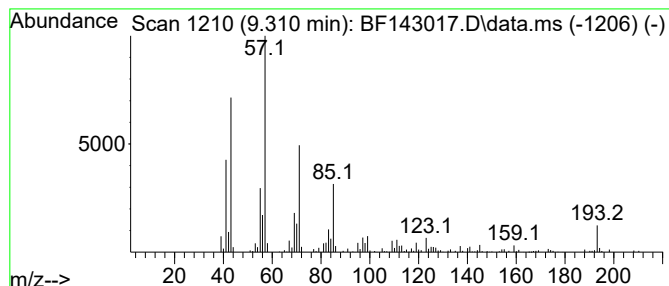
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ClientSampleId :
SU-04-7.3-2025

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

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

Peak Number 4 Tridecane, 6-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD		R.T.	
9.310	12.47 ng	214356	Acenaphthene-d10		9.916	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Tridecane, 6-methyl-		198	C14H30	013287-21-3	70
2	Tetradecane		198	C14H30	000629-59-4	62
3	Dodecane, 2,5-dimethyl-		198	C14H30	056292-65-0	58
4	Dodecane		170	C12H26	000112-40-3	58
5	Tridecane		184	C13H28	000629-50-5	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070725\
Data File : BF143017.D
Acq On : 07 Jul 2025 19:21
Operator : RC/JU
Sample : Q2507-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

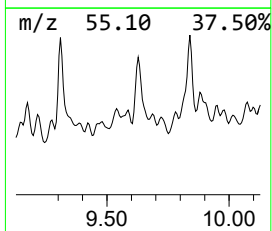
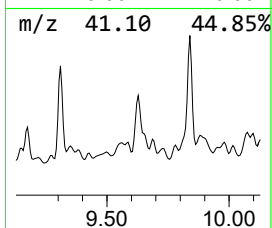
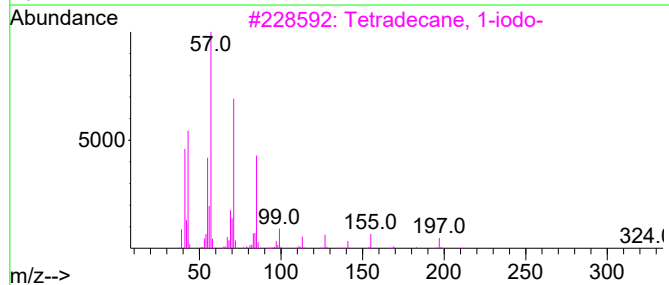
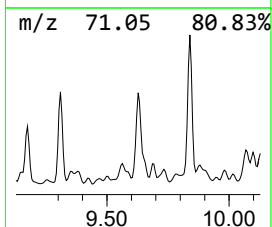
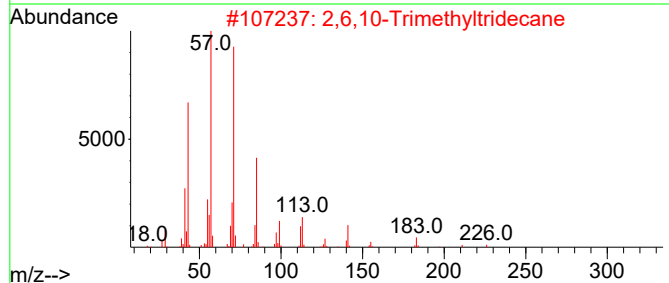
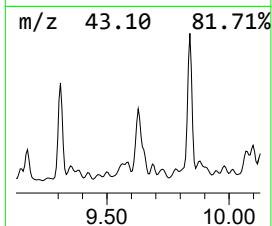
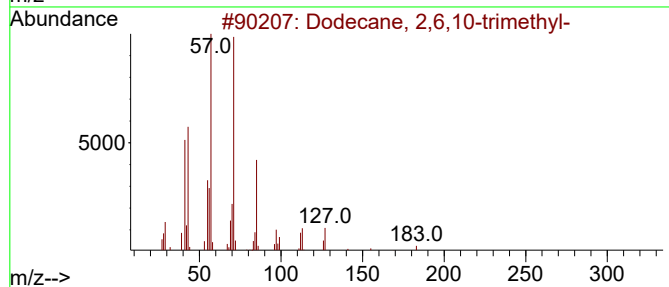
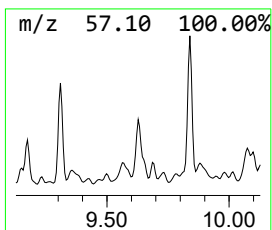
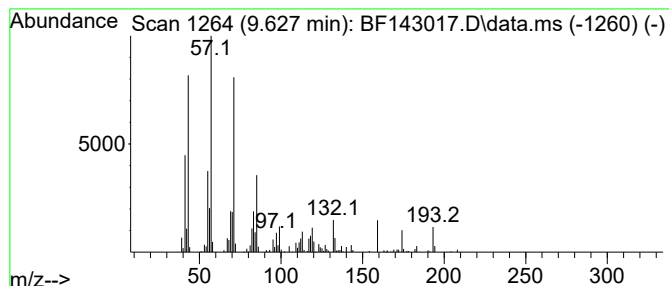
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Dodecane, 2,6,10-trimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD		R.T.	
9.627	8.93 ng	153484	Acenaphthene-d10		9.916	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,10-trimethyl-		212	C15H32	003891-98-3	62
2	2,6,10-Trimethyltridecane		226	C16H34	003891-99-4	58
3	Tetradecane, 1-iodo-		324	C14H29I	019218-94-1	58
4	Dodecane, 4,6-dimethyl-		198	C14H30	061141-72-8	53
5	Hexadecane		226	C16H34	000544-76-3	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070725\
Data File : BF143017.D
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Sample : Q2507-01
Misc :
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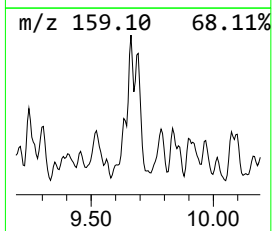
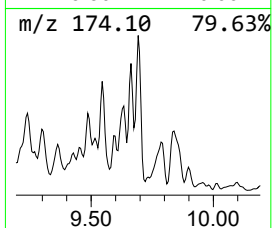
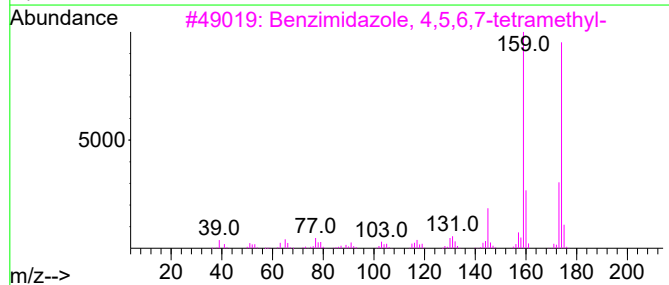
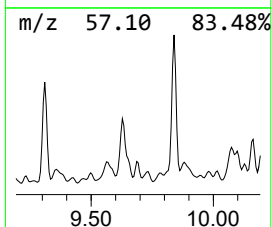
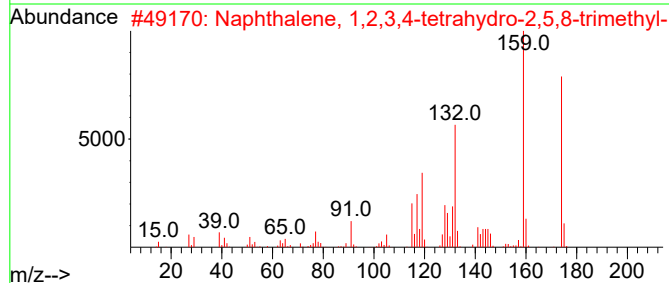
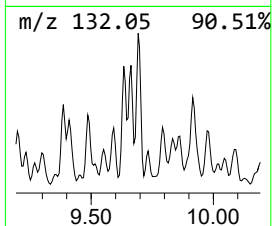
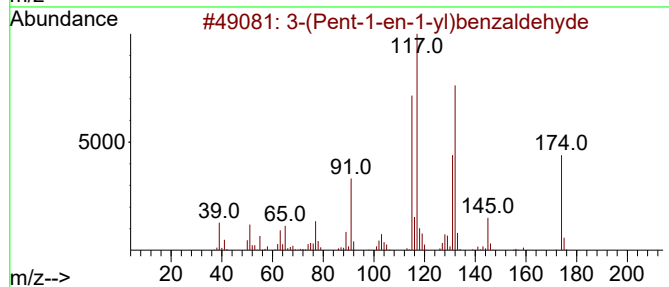
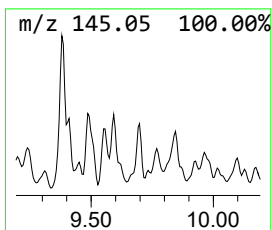
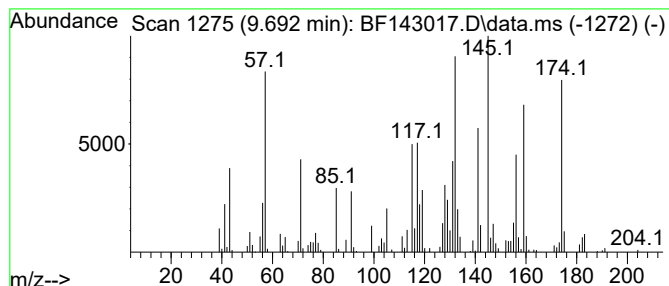
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 unknown9.692 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.	
9.692	5.23 ng	90002	Acenaphthene-d10	9.916	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-(Pent-1-en-1-yl)benzaldehyde	174	C12H14O	1000461-11-8	46
2	Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	030316-17-7	45
3	Benzimidazole, 4,5,6,7-tetramethyl-	174	C11H14N2	106148-67-8	43
4	1,4-Dimethyl-2-cyclopentylbenzene	174	C13H18	062379-92-4	41
5	Benzene, 1,2,3,4-tetramethyl-4-(...	174	C13H18	061142-76-5	35



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070725\
Data File : BF143017.D
Acq On : 07 Jul 2025 19:21
Operator : RC/JU
Sample : Q2507-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SU-04-7.3-2025

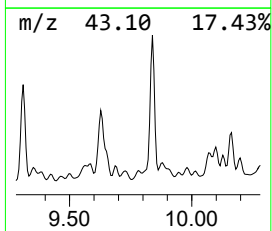
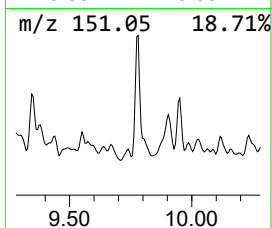
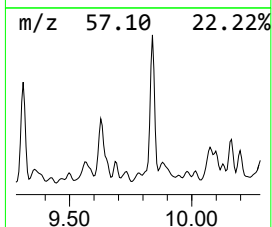
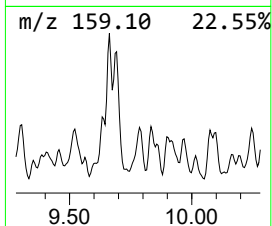
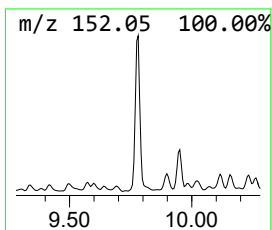
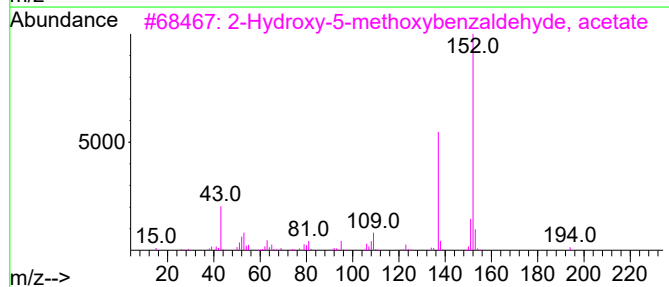
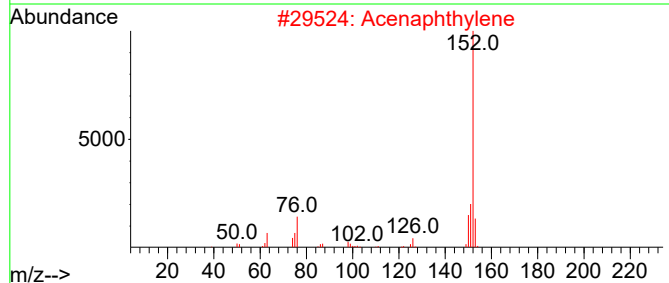
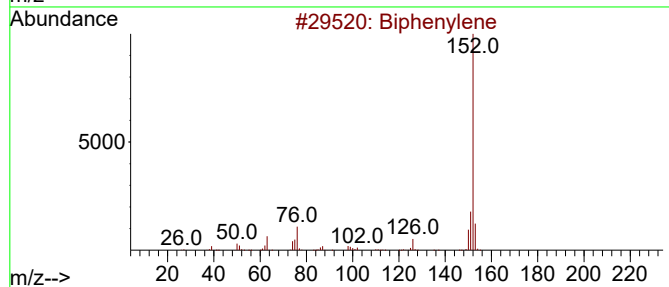
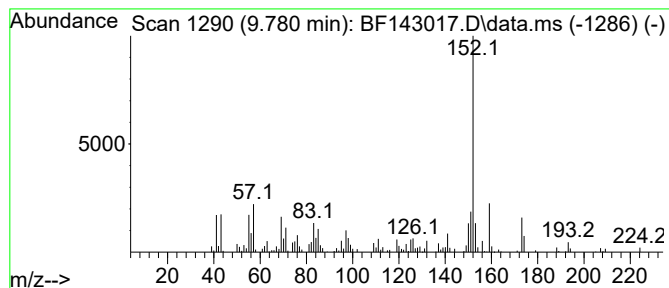
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Biphenylene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.780	4.97 ng	85512	Acenaphthene-d10	9.916

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Biphenylene	152	C12H8	000259-79-0	64
2		Acenaphthylene	152	C12H8	000208-96-8	53
3		2-Hydroxy-5-methoxybenzaldehyde,...	194	C10H10O4	1000352-89-8	47
4		1,4-Benzenediol, 2,3,5-trimethyl-	152	C9H12O2	000700-13-0	47
5		Benzaldehyde, 2-hydroxy-3-methoxy-	152	C8H8O3	000148-53-8	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070725\
Data File : BF143017.D
Acq On : 07 Jul 2025 19:21
Operator : RC/JU
Sample : Q2507-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SU-04-7.3-2025

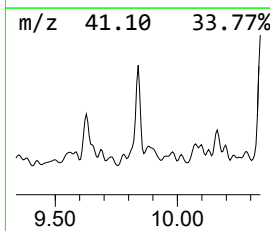
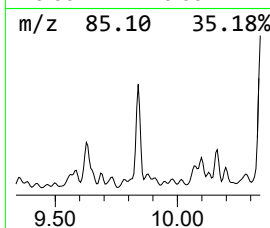
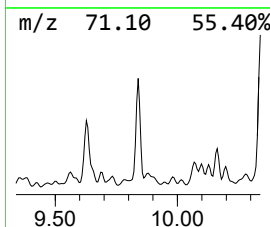
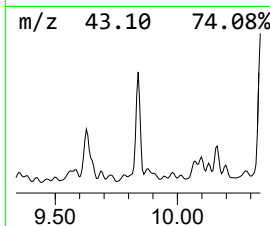
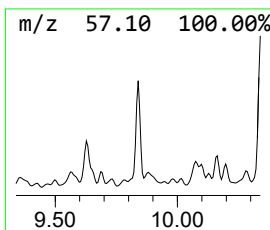
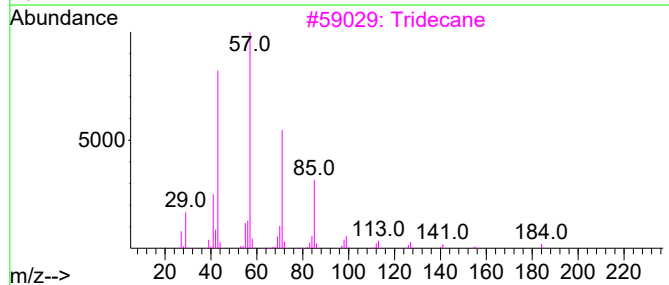
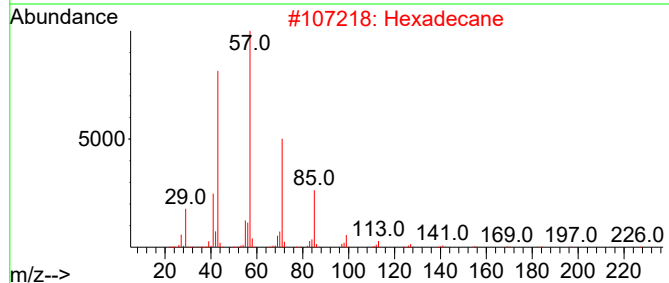
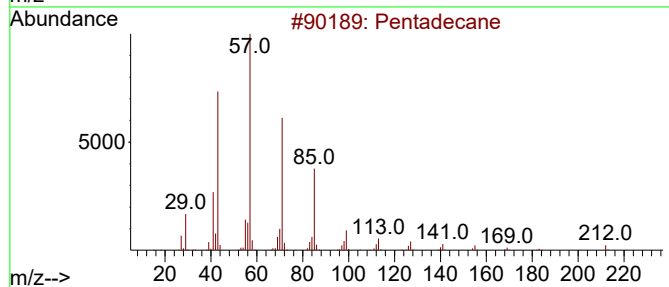
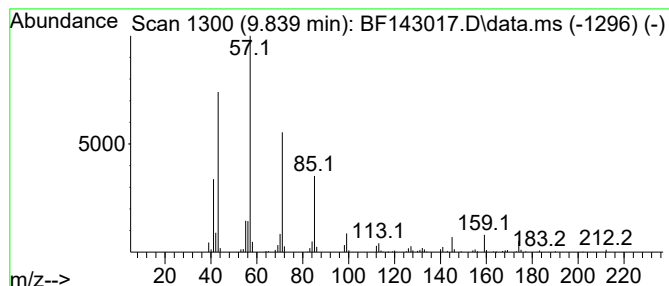
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Pentadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.839	13.47 ng	231717	Acenaphthene-d10	9.916

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane	212	C15H32	000629-62-9	95
2			Hexadecane	226	C16H34	000544-76-3	80
3			Tridecane	184	C13H28	000629-50-5	80
4			Tetradecane	198	C14H30	000629-59-4	80
5			Heptadecane	240	C17H36	000629-78-7	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070725\
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Sample : Q2507-01
Misc :
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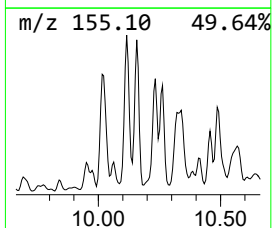
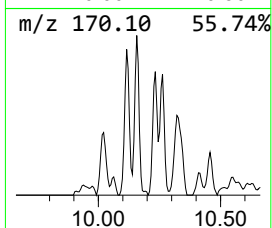
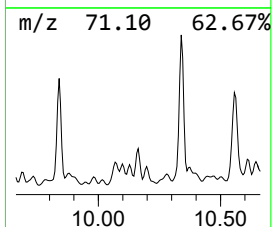
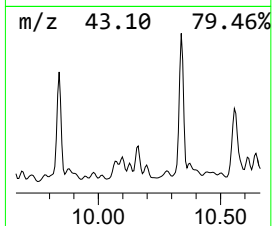
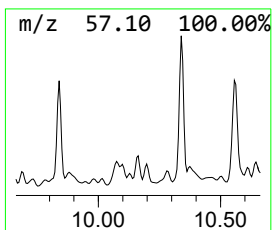
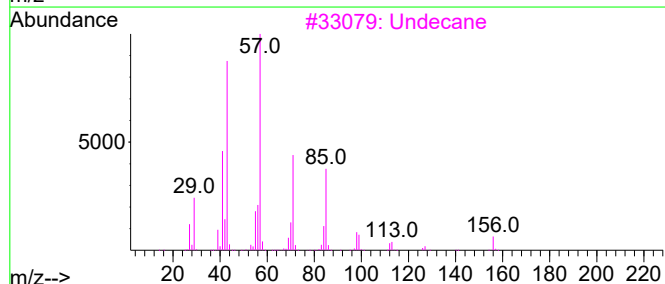
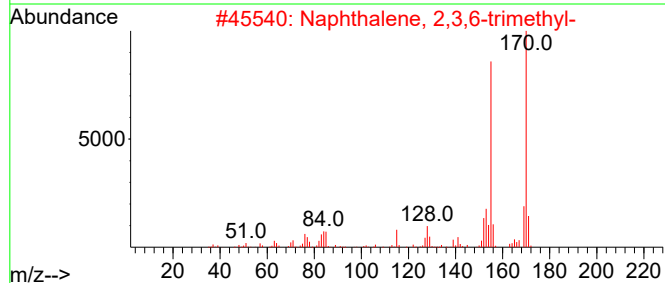
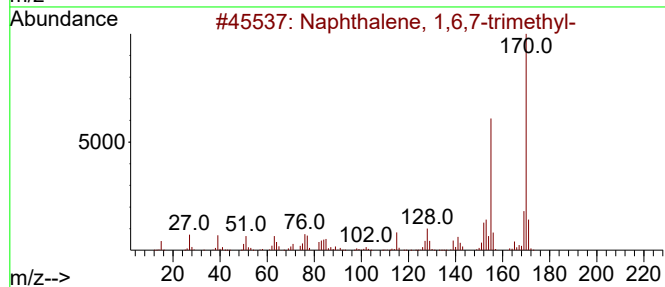
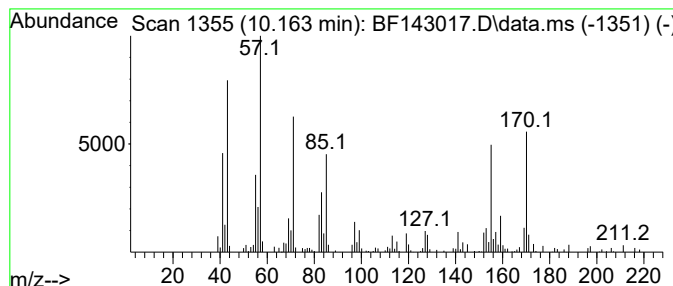
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Naphthalene, 1,6,7-trimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.163	5.84 ng	100430	Acenaphthene-d10	9.916	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	58
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	50
3	Undecane	156	C11H24	001120-21-4	38
4	Nonadecane	268	C19H40	000629-92-5	30
5	Heptacosane	380	C27H56	000593-49-7	30



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070725\
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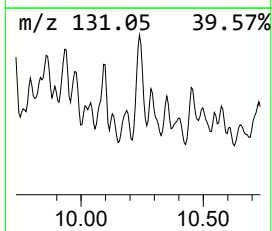
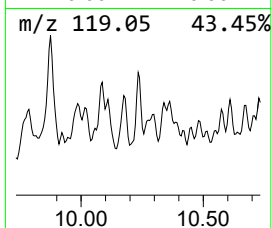
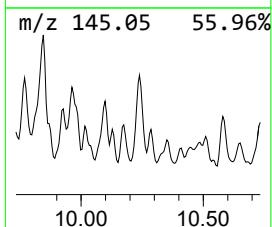
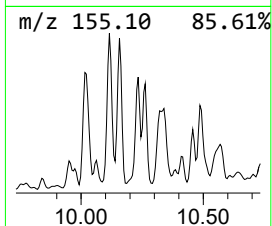
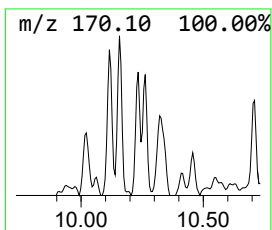
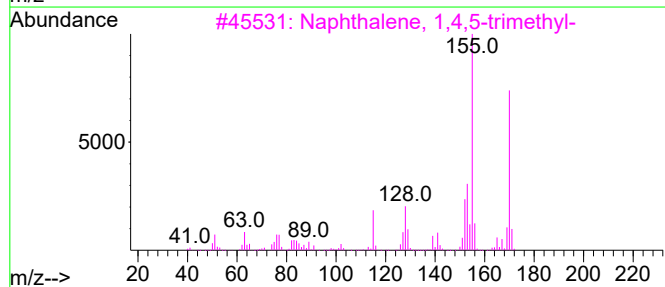
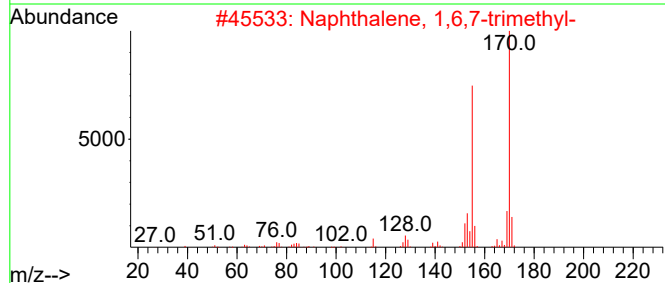
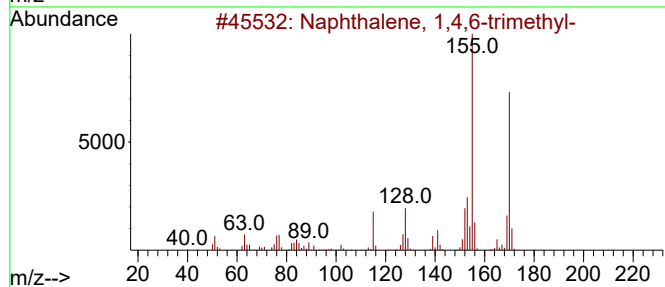
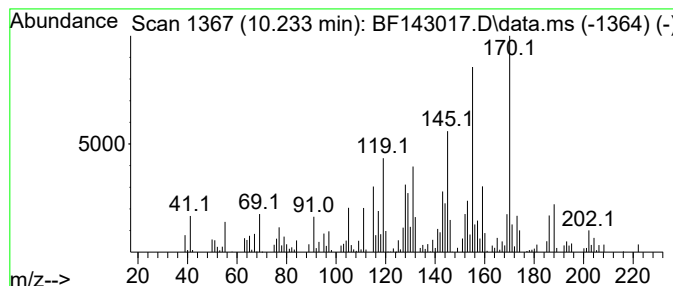
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Naphthalene, 1,4,6-trimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.233	8.50 ng	146095	Acenaphthene-d10	9.916	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	95
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	90
3	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	87
4	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	87
5	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070725\
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Acq On : 07 Jul 2025 19:21
Operator : RC/JU
Sample : Q2507-01
Misc :
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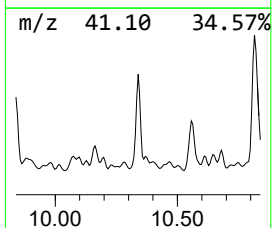
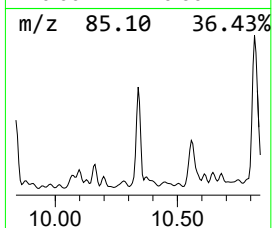
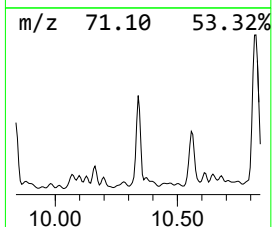
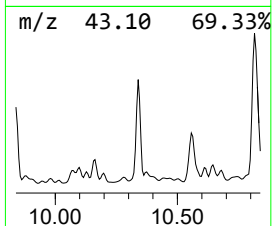
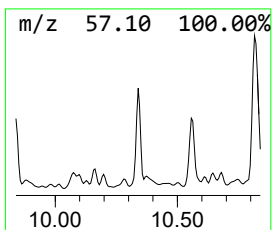
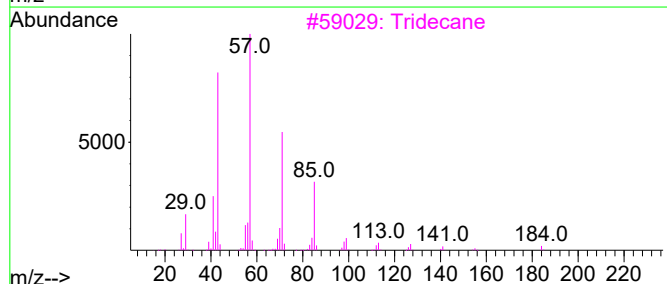
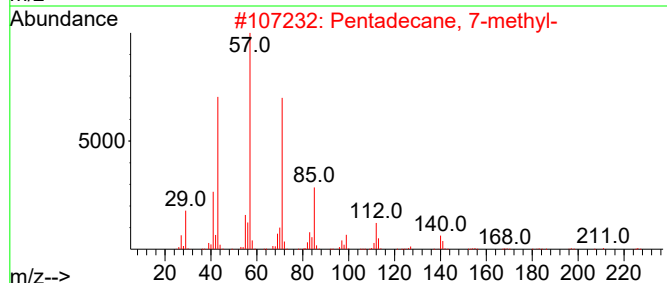
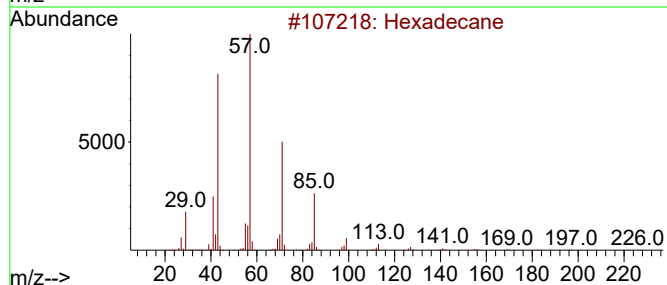
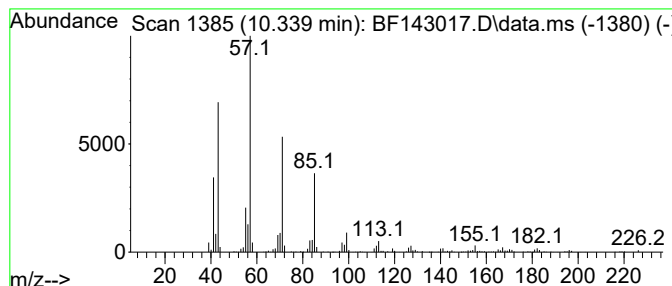
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SU-04-7.3-2025

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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 Hexadecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD			R.T.
10.339	21.64 ng	372074	Acenaphthene-d10			9.916
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Hexadecane		226	C16H34	000544-76-3	97
2	Pentadecane, 7-methyl-		226	C16H34	006165-40-8	91
3	Tridecane		184	C13H28	000629-50-5	90
4	Heptadecane		240	C17H36	000629-78-7	86
5	Undecane, 5-methyl-		170	C12H26	001632-70-8	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070725\
Data File : BF143017.D
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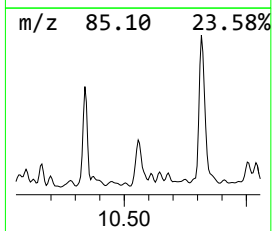
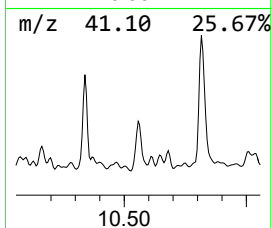
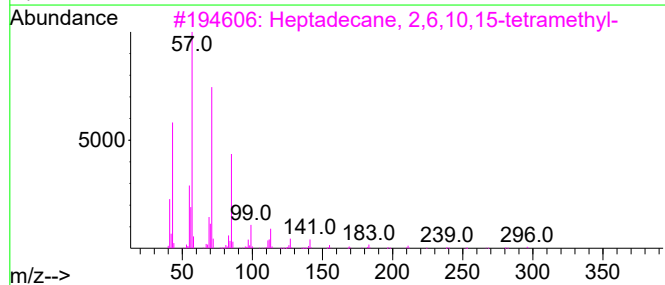
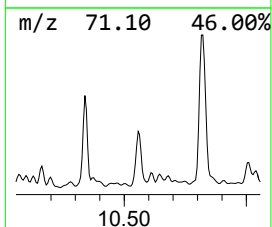
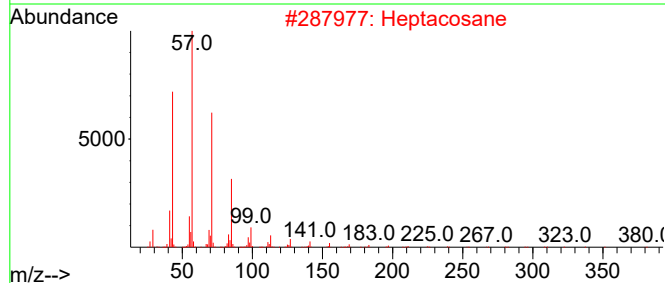
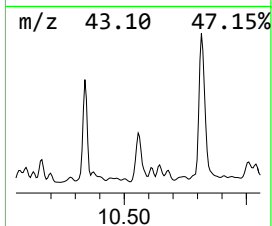
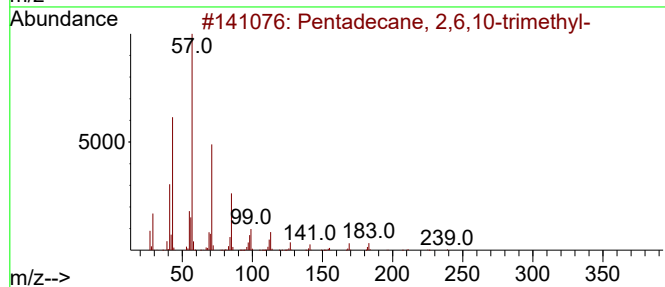
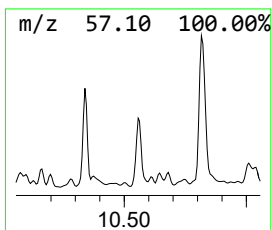
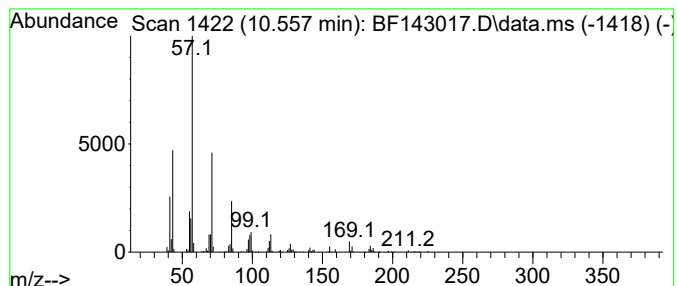
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Pentadecane, 2,6,10-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.557	15.26 ng	262363	Acenaphthene-d10	9.916	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	90
2	Heptacosane	380	C27H56	000593-49-7	87
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	72
4	Tridecane	184	C13H28	000629-50-5	72
5	Heneicosane	296	C21H44	000629-94-7	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070725\
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Sample : Q2507-01
Misc :
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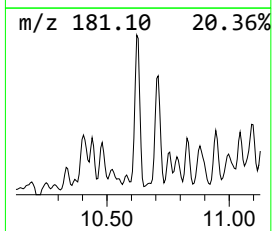
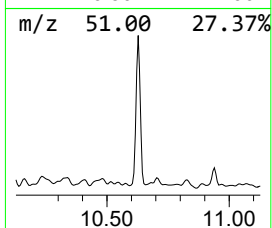
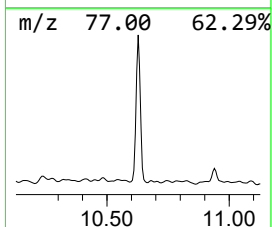
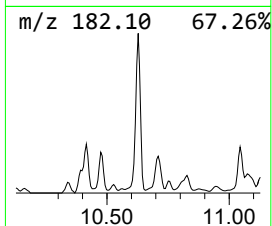
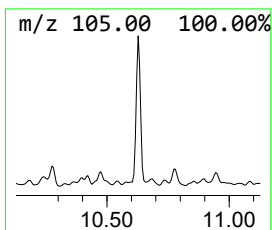
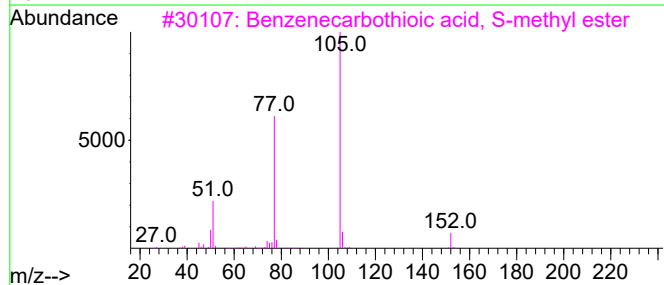
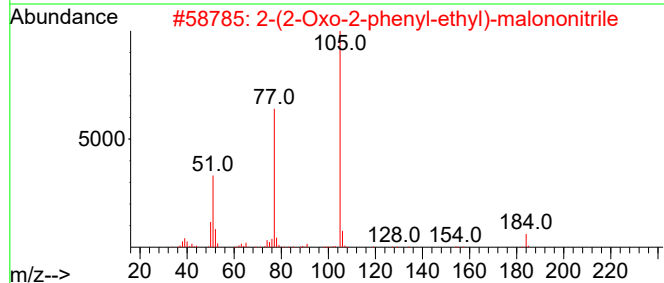
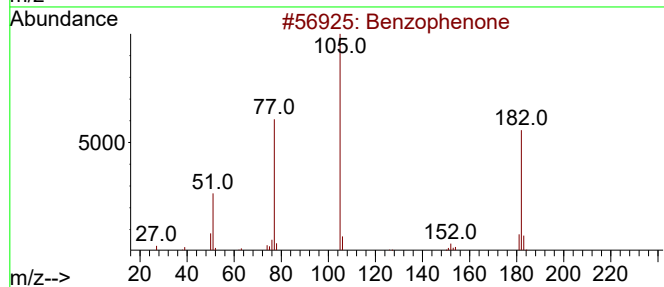
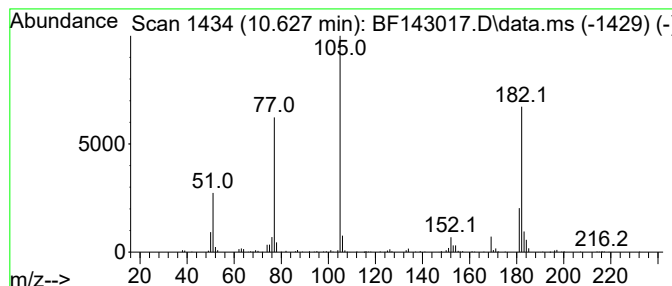
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Benzophenone Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.627	9.06 ng	155877	Acenaphthene-d10	9.916	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	95
2	2-(2-Oxo-2-phenyl-ethyl)-malonon...	184	C11H8N2O	1000296-76-9	50
3	Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	45
4	Acetophenone, 2-chloro-	154	C8H7ClO	000532-27-4	43
5	Benzamide, N-phenyl-	197	C13H11NO	000093-98-1	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070725\
Data File : BF143017.D
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Operator : RC/JU
Sample : Q2507-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

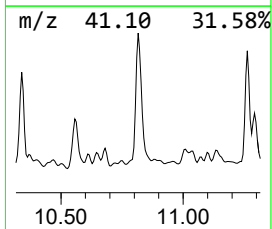
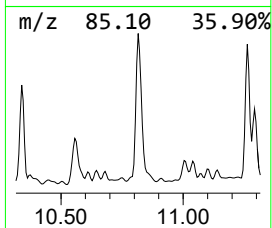
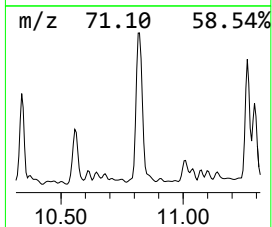
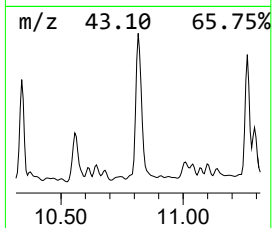
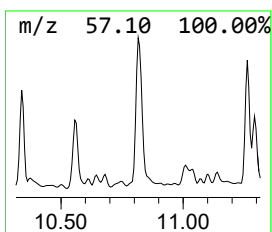
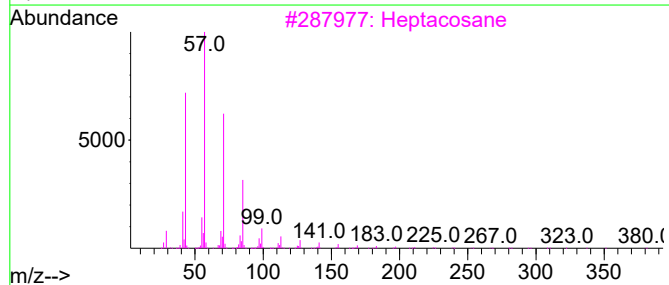
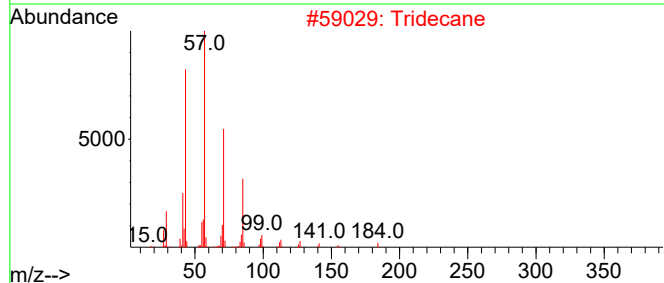
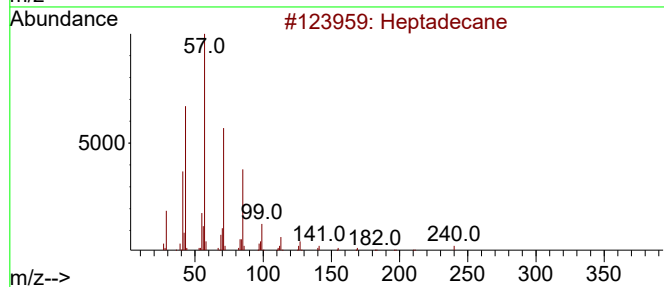
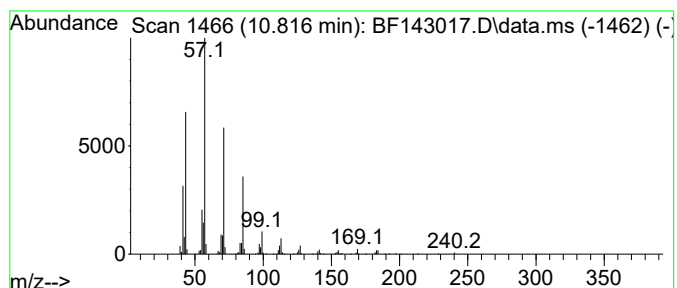
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Heptadecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD		R.T.	
10.816	31.57 ng	701537	Phenanthrene-d10		11.410	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Heptadecane		240	C17H36	000629-78-7	97
2	Tridecane		184	C13H28	000629-50-5	93
3	Heptacosane		380	C27H56	000593-49-7	91
4	Nonadecane		268	C19H40	000629-92-5	90
5	Hexadecane		226	C16H34	000544-76-3	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070725\
Data File : BF143017.D
Acq On : 07 Jul 2025 19:21
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Instrument :
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ClientSampleId :
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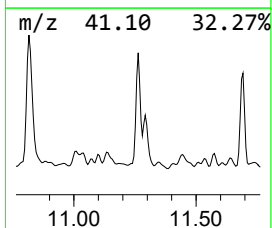
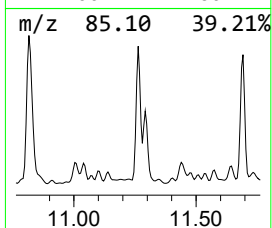
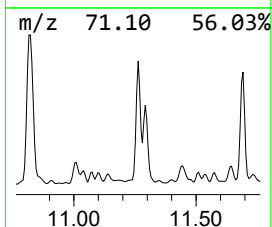
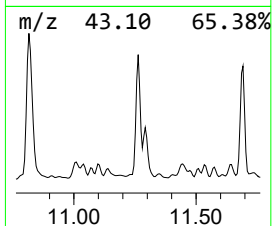
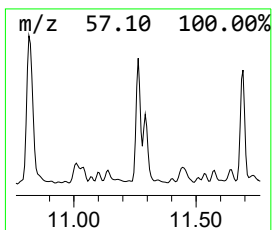
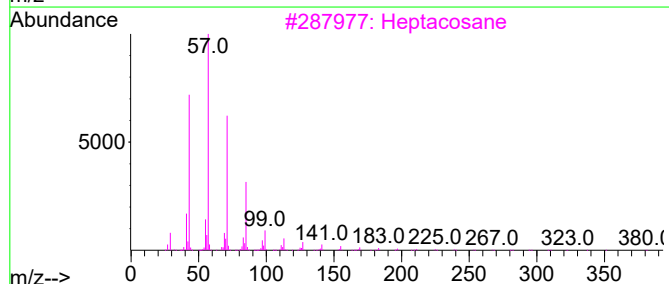
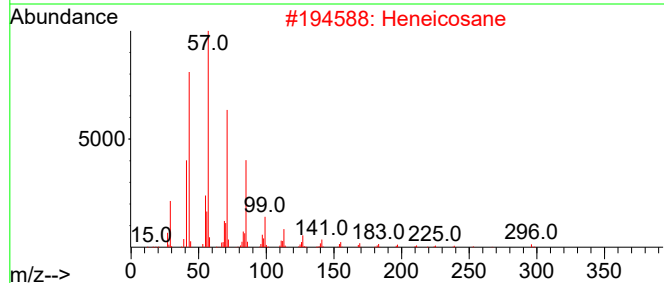
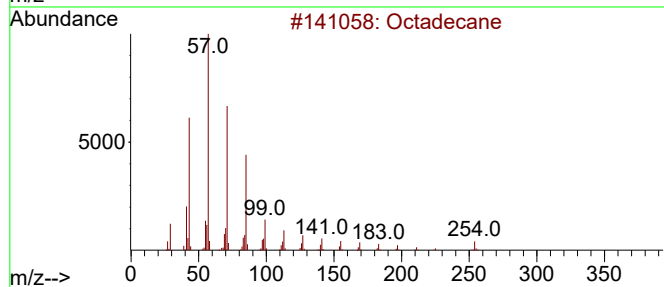
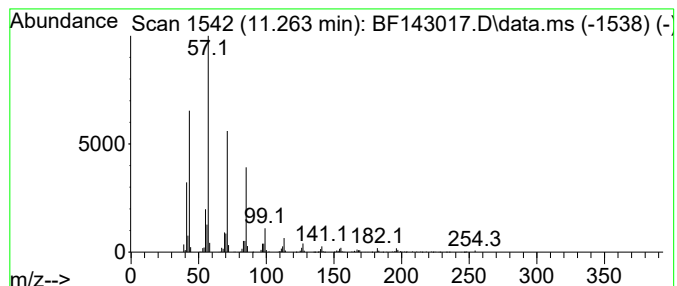
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Octadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.263	20.15 ng	447853	Phenanthrene-d10	11.410

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecane	254	C18H38	000593-45-3	94
2			Heneicosane	296	C21H44	000629-94-7	91
3			Heptacosane	380	C27H56	000593-49-7	91
4			Eicosane	282	C20H42	000112-95-8	91
5			Pentadecane	212	C15H32	000629-62-9	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070725\
Data File : BF143017.D
Acq On : 07 Jul 2025 19:21
Operator : RC/JU
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Misc :
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ClientSampleId :
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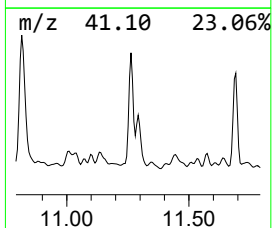
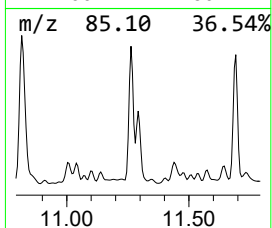
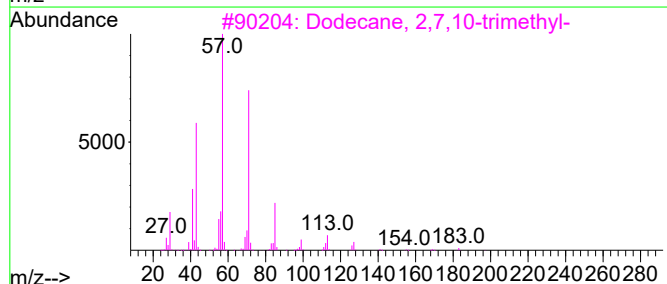
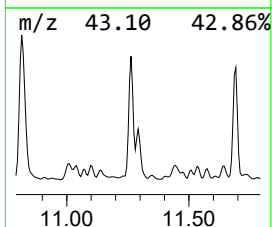
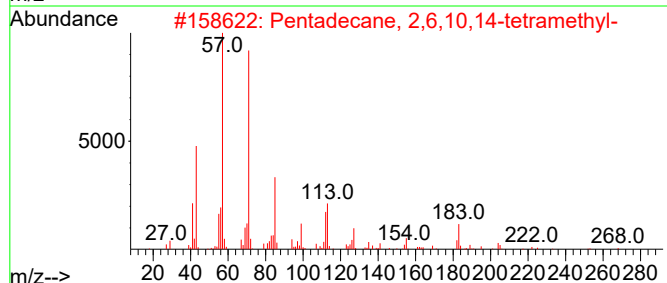
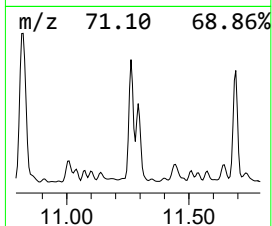
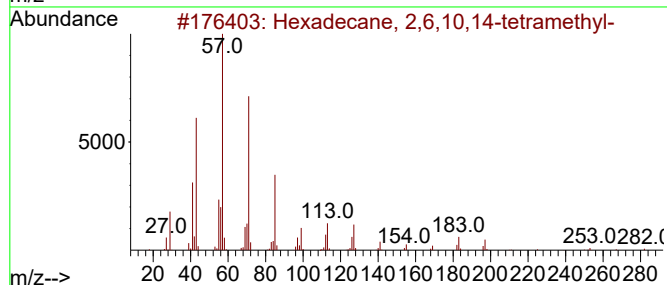
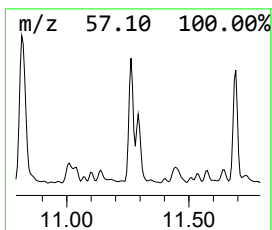
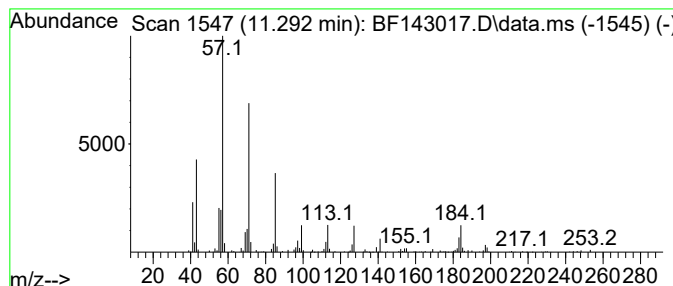
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Hexadecane, 2,6,10,14-tetra... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.292	12.47 ng	277075	Phenanthrene-d10	11.410

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	87
2		Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	78
3		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72
4		Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	72
5		2-Bromotetradecane	276	C14H29Br	074036-95-6	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070725\
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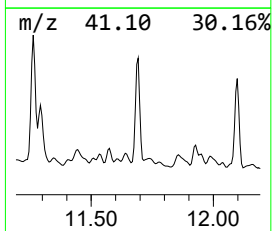
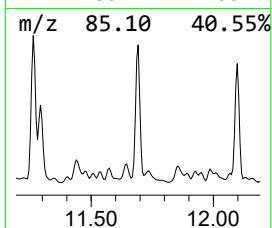
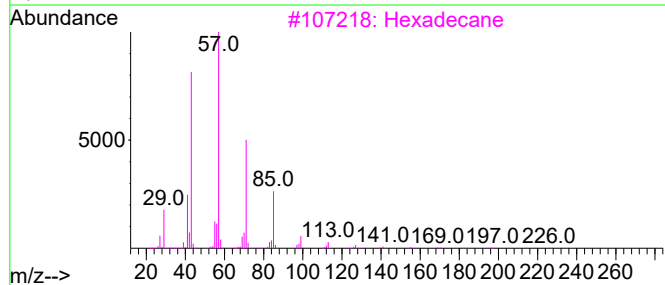
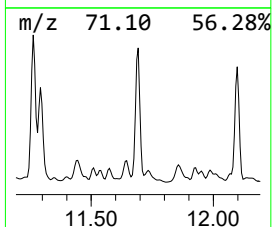
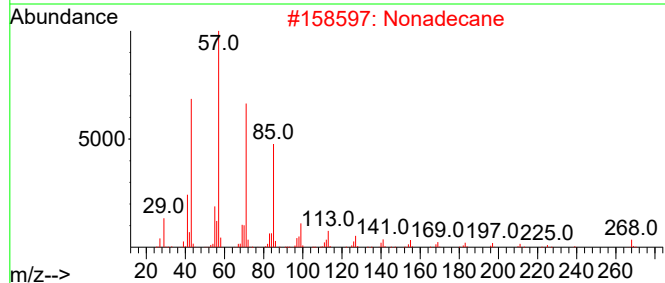
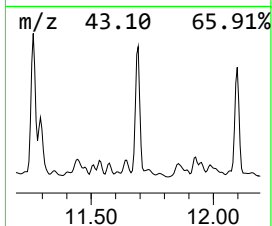
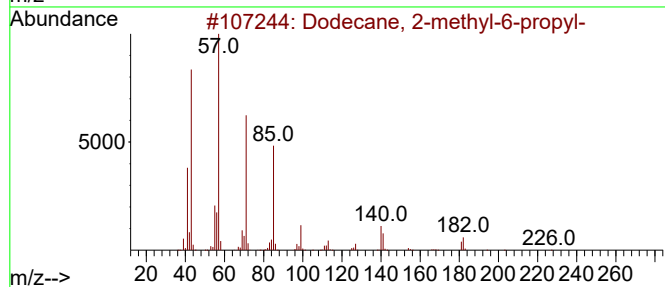
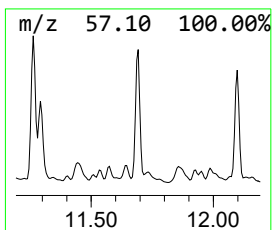
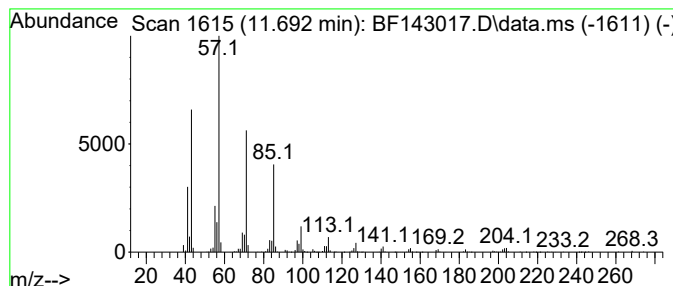
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Dodecane, 2-methyl-6-propyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.692	16.62 ng	369207	Phenanthrene-d10		11.410	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-6-propyl-		226	C16H34	055045-08-4	94
2	Nonadecane		268	C19H40	000629-92-5	91
3	Hexadecane		226	C16H34	000544-76-3	90
4	Eicosane, 10-methyl-		296	C21H44	054833-23-7	90
5	Pentadecane		212	C15H32	000629-62-9	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070725\
Data File : BF143017.D
Acq On : 07 Jul 2025 19:21
Operator : RC/JU
Sample : Q2507-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-04-7.3-2025

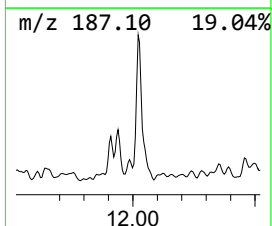
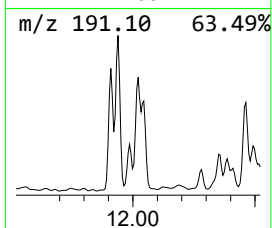
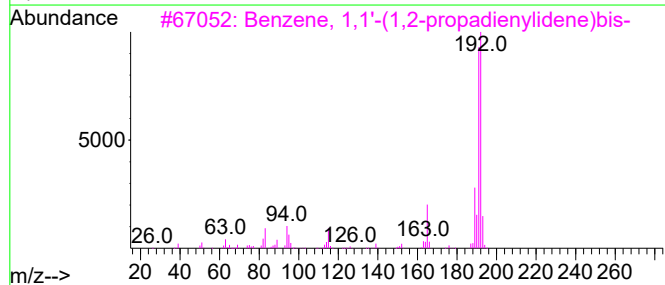
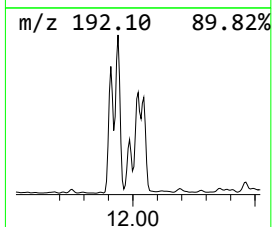
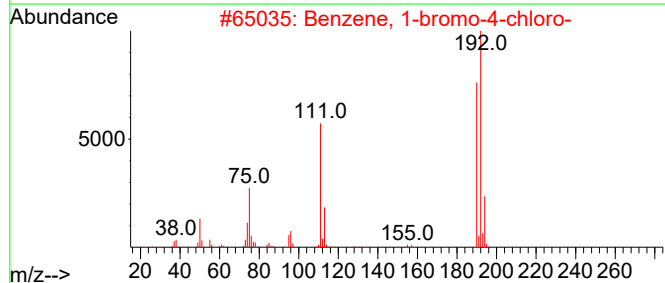
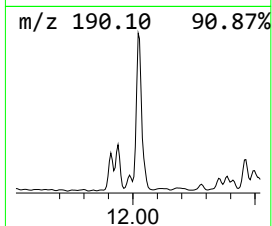
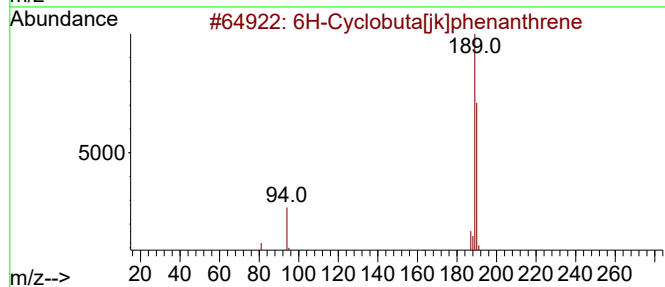
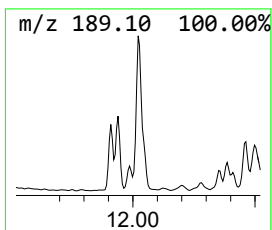
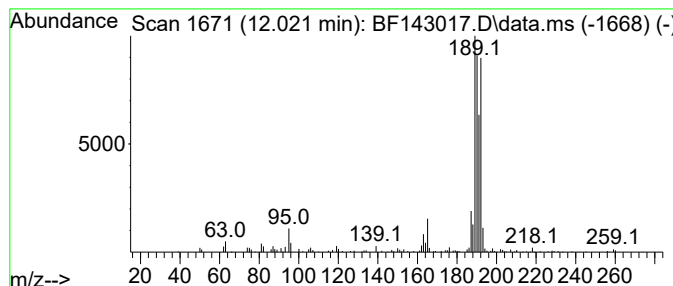
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 unknown12.021 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.021	7.98 ng	177251	Phenanthrene-d10	11.410

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	49
2		Benzene, 1-bromo-4-chloro-	190	C6H4BrCl	000106-39-8	43
3		Benzene, 1,1'-(1,2-propadienylid...	192	C15H12	014251-57-1	38
4		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	38
5		Anthracene, 1-methyl-	192	C15H12	000610-48-0	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070725\
Data File : BF143017.D
Acq On : 07 Jul 2025 19:21
Operator : RC/JU
Sample : Q2507-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-04-7.3-2025

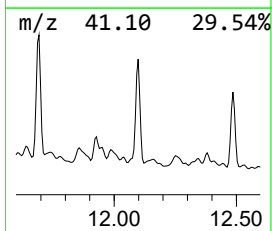
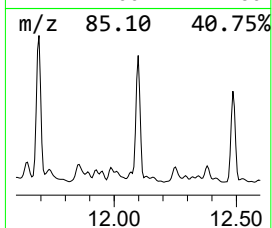
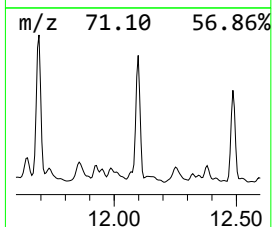
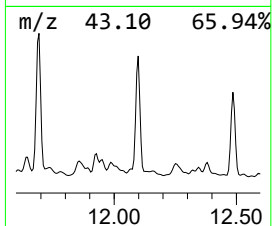
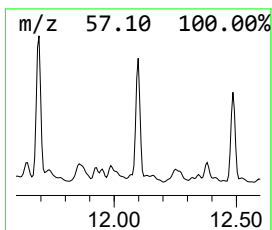
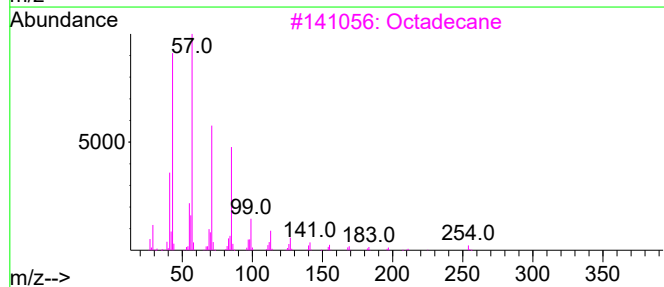
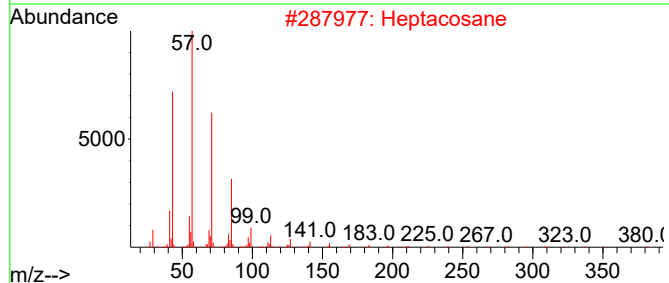
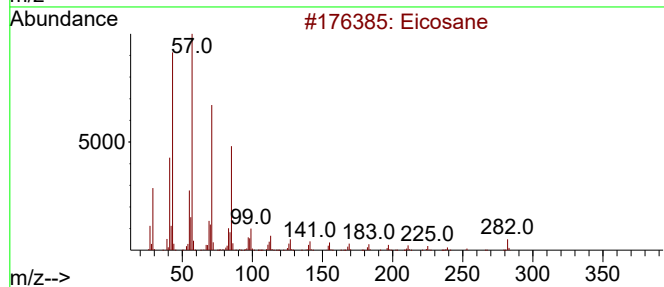
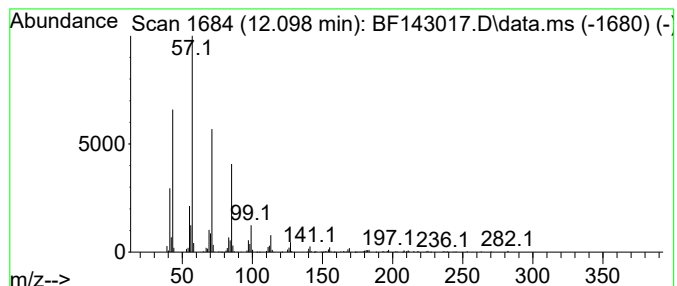
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Eicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.098	13.89 ng	308663	Phenanthrene-d10	11.410

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Eicosane	282	C20H42	000112-95-8	96
2		Heptacosane	380	C27H56	000593-49-7	91
3		Octadecane	254	C18H38	000593-45-3	91
4		Heneicosane	296	C21H44	000629-94-7	91
5		Nonadecane	268	C19H40	000629-92-5	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070725\
Data File : BF143017.D
Acq On : 07 Jul 2025 19:21
Operator : RC/JU
Sample : Q2507-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-04-7.3-2025

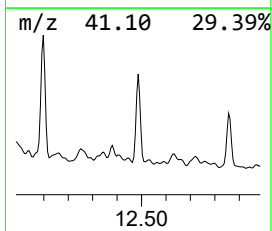
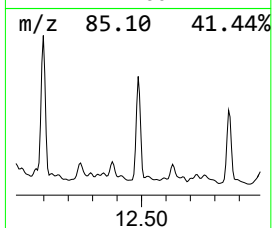
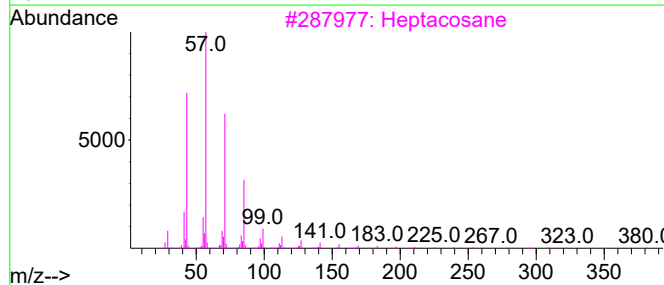
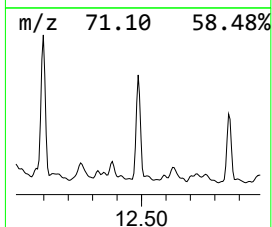
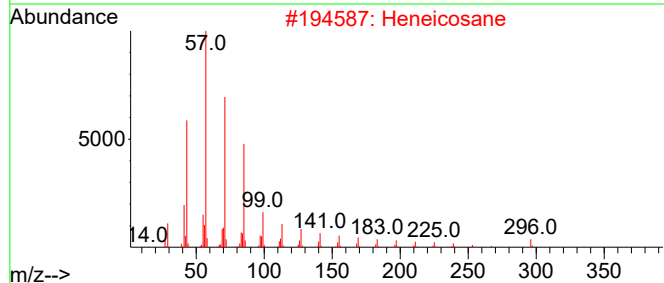
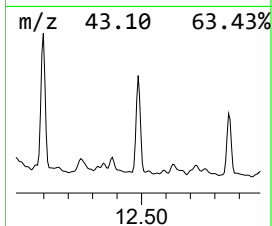
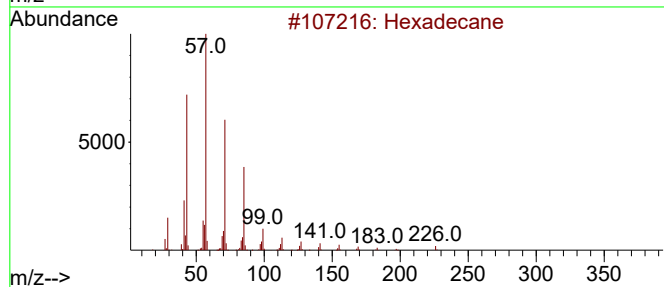
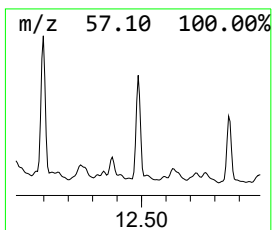
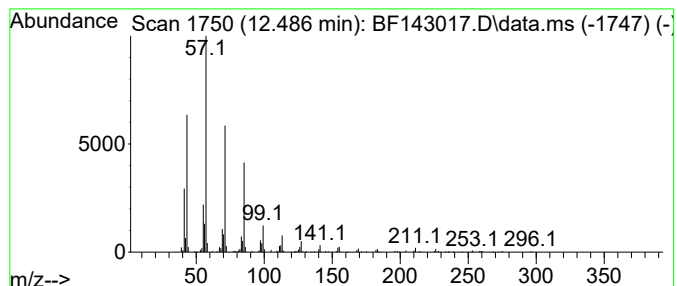
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Heneicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.486	12.50 ng	277762	Phenanthrene-d10	11.410

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexadecane	226	C16H34	000544-76-3	96
2		Heneicosane	296	C21H44	000629-94-7	96
3		Heptacosane	380	C27H56	000593-49-7	91
4		Eicosane	282	C20H42	000112-95-8	91
5		Octadecane	254	C18H38	000593-45-3	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070725\
Data File : BF143017.D
Acq On : 07 Jul 2025 19:21
Operator : RC/JU
Sample : Q2507-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-04-7.3-2025

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

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-...	5.087	5.4	ng	87741	1	6.875	323349	20.0
trans-4a-Methyl...	7.798	4.7	ng	110077	2	8.157	472736	20.0
Benzene, 1-(1,1...	9.104	5.4	ng	93579	3	9.916	343933	20.0
Tridecane, 6-me...	9.310	12.5	ng	214356	3	9.916	343933	20.0
Dodecane, 2,6,1...	9.627	8.9	ng	153484	3	9.916	343933	20.0
unknown9.692	9.692	5.2	ng	90002	3	9.916	343933	20.0
Biphenylene	9.780	5.0	ng	85512	3	9.916	343933	20.0
Pentadecane	9.839	13.5	ng	231717	3	9.916	343933	20.0
Naphthalene, 1,...	10.163	5.8	ng	100430	3	9.916	343933	20.0
Naphthalene, 1,...	10.233	8.5	ng	146095	3	9.916	343933	20.0
Hexadecane	10.339	21.6	ng	372074	3	9.916	343933	20.0
Pentadecane, 2,...	10.557	15.3	ng	262363	3	9.916	343933	20.0
Benzophenone	10.627	9.1	ng	155877	3	9.916	343933	20.0
Heptadecane	10.816	31.6	ng	701537	4	11.410	444413	20.0
Octadecane	11.263	20.1	ng	447853	4	11.410	444413	20.0
Hexadecane, 2,6...	11.292	12.5	ng	277075	4	11.410	444413	20.0
Dodecane, 2-met...	11.692	16.6	ng	369207	4	11.410	444413	20.0
unknown12.021	12.021	8.0	ng	177251	4	11.410	444413	20.0
Eicosane	12.098	13.9	ng	308663	4	11.410	444413	20.0
Heneicosane	12.486	12.5	ng	277762	4	11.410	444413	20.0