

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062525\
 Data File : BF142850.D
 Acq On : 25 Jun 2025 21:40
 Operator : RC/JU
 Sample : Q2399-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-13

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: BF142850.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	483	492	503	rBV	89058	130284	9.93%	1.250%
2	5.492	555	561	581	rVB	928548	1197894	91.32%	11.492%
3	6.504	727	733	738	rBV	896904	1167565	89.01%	11.201%
4	6.875	791	796	803	rBV	388330	470973	35.90%	4.518%
5	7.439	886	892	904	rBV	571691	765172	58.33%	7.341%
6	8.157	1006	1014	1021	rBV	453306	586582	44.72%	5.628%
7	8.745	1109	1114	1118	rBV	29833	37394	2.85%	0.359%
8	9.110	1172	1176	1180	rVB4	10085	15020	1.15%	0.144%
9	9.233	1192	1197	1202	rBV	1082938	1311724	100.00%	12.584%
10	9.310	1206	1210	1215	rBV	49550	63562	4.85%	0.610%
11	9.569	1247	1254	1256	rBV7	9967	20278	1.55%	0.195%
12	9.628	1260	1264	1268	rBV3	20522	32996	2.52%	0.317%
13	9.839	1296	1300	1304	rBV	61033	73500	5.60%	0.705%
14	9.916	1308	1313	1318	rVB	409757	498160	37.98%	4.779%
15	10.075	1335	1340	1342	rBV3	9916	15983	1.22%	0.153%
16	10.163	1351	1355	1359	rBV4	13010	17690	1.35%	0.170%
17	10.339	1379	1385	1390	rBV	70611	97386	7.42%	0.934%
18	10.563	1417	1423	1429	rBV	24952	43298	3.30%	0.415%
19	10.627	1429	1434	1440	rVV	86781	119677	9.12%	1.148%
20	10.704	1440	1447	1458	rVV	436089	559792	42.68%	5.371%
21	10.816	1462	1466	1475	rVB	73027	115121	8.78%	1.104%
22	11.263	1538	1542	1545	rBV	51723	65818	5.02%	0.631%
23	11.292	1545	1547	1553	rVB	20760	26894	2.05%	0.258%
24	11.404	1561	1566	1581	rBV	312972	412384	31.44%	3.956%
25	11.692	1611	1615	1620	rVB	39601	47639	3.63%	0.457%
26	11.927	1650	1655	1663	rBV3	63073	99999	7.62%	0.959%
27	12.098	1680	1684	1688	rBV	31485	37140	2.83%	0.356%
28	12.486	1747	1750	1757	rVB	24934	32785	2.50%	0.315%
29	12.621	1769	1773	1781	rVB	22413	28536	2.18%	0.274%
30	12.716	1785	1789	1794	rBV4	9090	15017	1.14%	0.144%
31	12.851	1807	1812	1819	rBV2	36838	62330	4.75%	0.598%
32	12.992	1830	1836	1841	rBV	856567	1091963	83.25%	10.476%
33	13.174	1861	1867	1871	rBV6	7862	15716	1.20%	0.151%
34	13.216	1871	1874	1878	rBV	15488	19589	1.49%	0.188%
35	13.557	1929	1932	1939	rBV	15002	24343	1.86%	0.234%
36	13.892	1985	1989	1999	rVB2	38899	74721	5.70%	0.717%

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

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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

37	14.051	2010	2016	2027	rBV	406010	570517	43.49%	5.473%
38	14.204	2039	2042	2047	rBV	16211	24546	1.87%	0.235%
39	14.510	2091	2094	2099	rBV2	19130	30908	2.36%	0.297%
40	15.539	2264	2269	2278	rVB	245799	402533	30.69%	3.862%

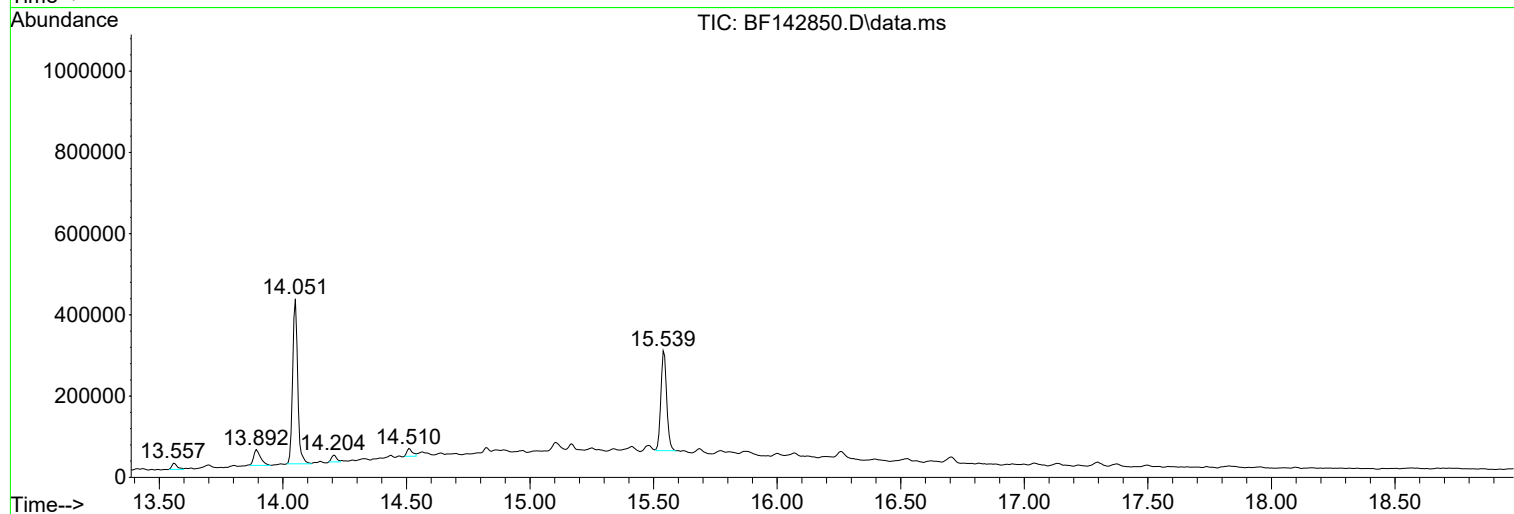
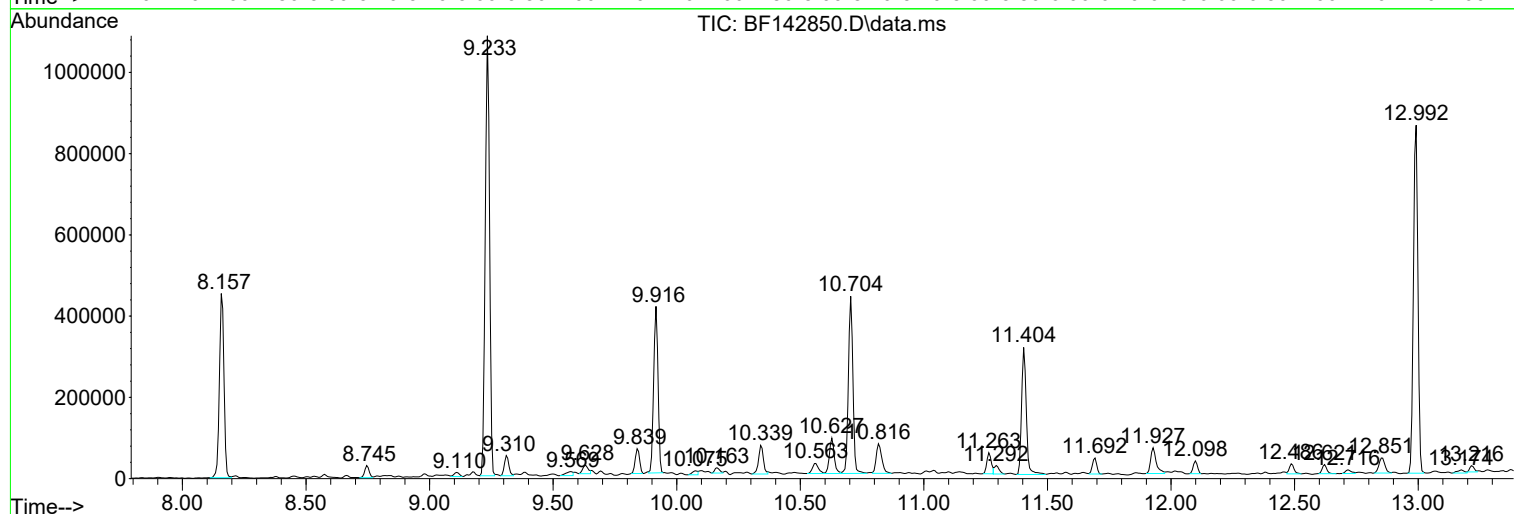
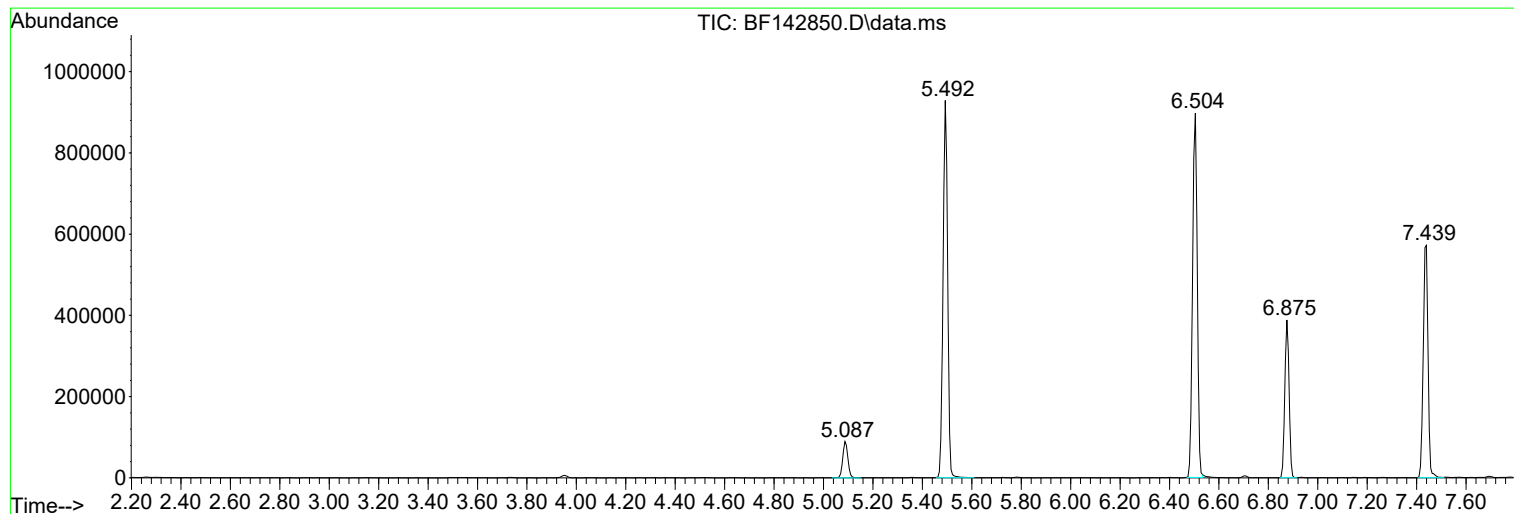
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Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062525\
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Operator : RC/JU
Sample : Q2399-01
Misc :
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Instrument :
BNA_F
ClientSampleId :
TP-13

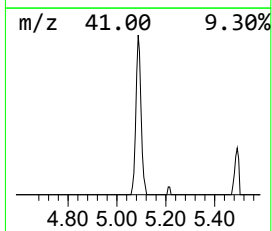
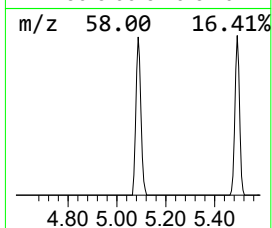
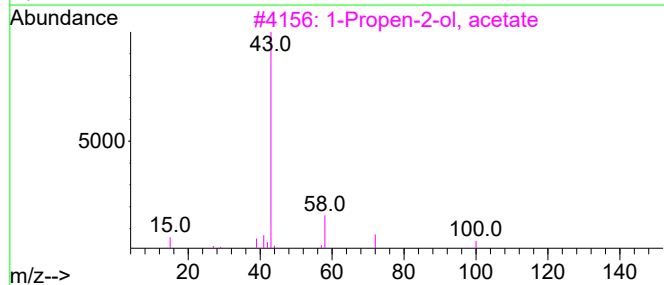
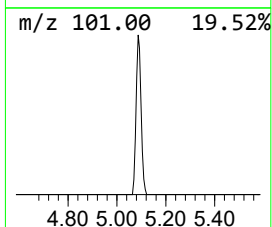
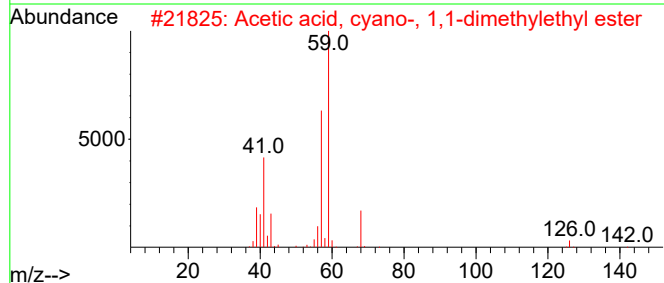
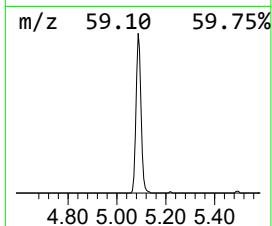
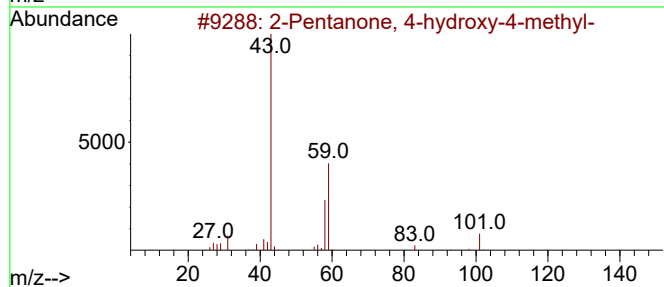
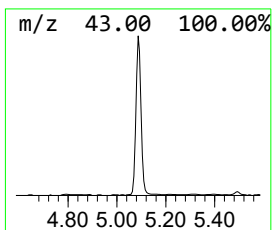
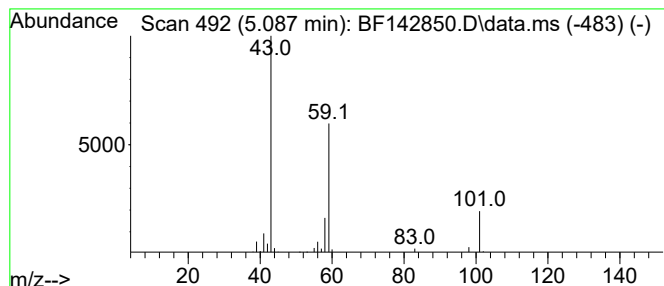
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.087	5.53 ng	130284	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	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25		
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10		
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9		
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9		



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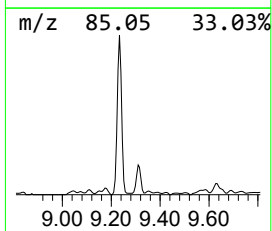
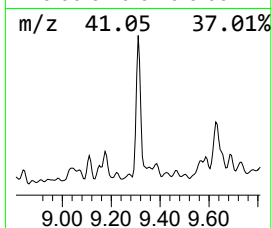
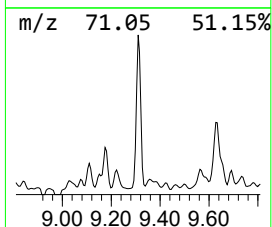
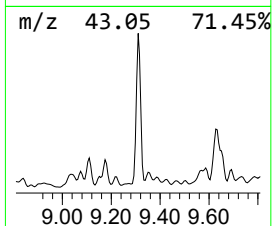
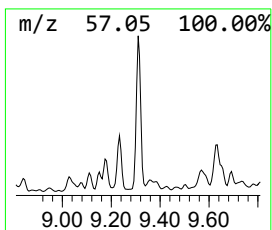
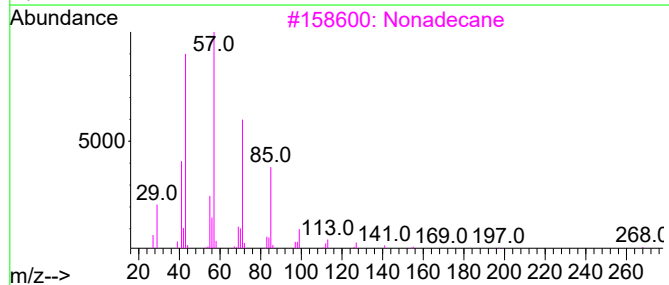
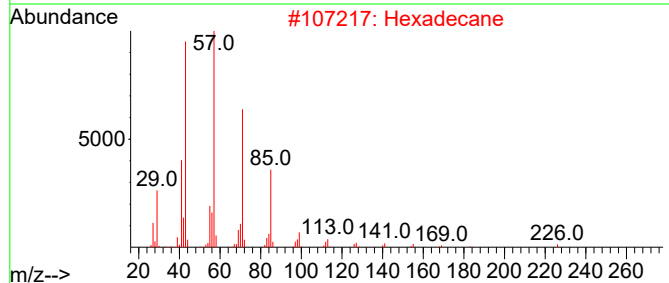
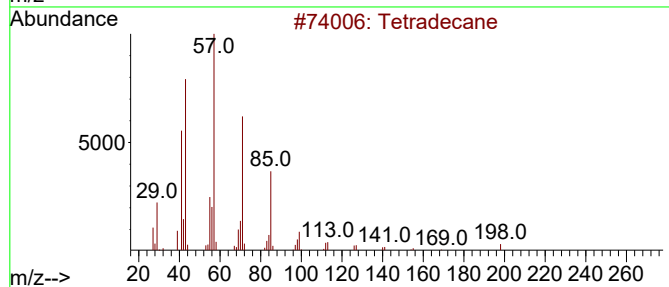
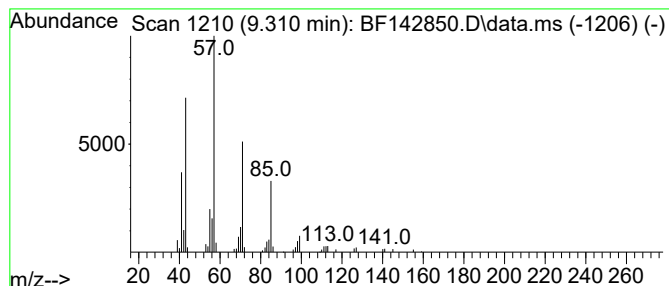
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Tetradecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.310	2.55 ng	63562	Acenaphthene-d10	9.916

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecane	198	C14H30	000629-59-4	91
2		Hexadecane	226	C16H34	000544-76-3	91
3		Nonadecane	268	C19H40	000629-92-5	86
4		Tridecane	184	C13H28	000629-50-5	86
5		Pentadecane	212	C15H32	000629-62-9	86



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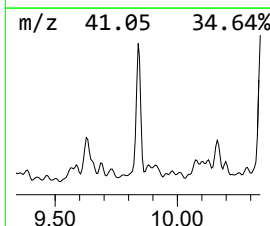
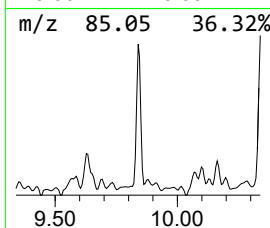
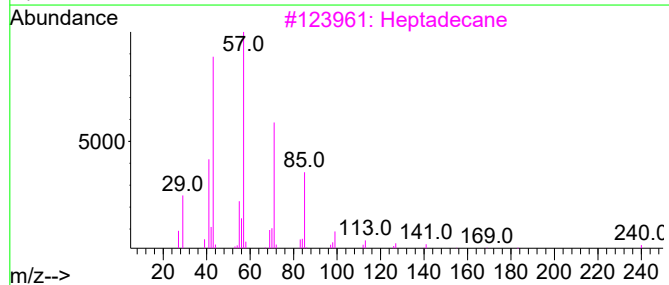
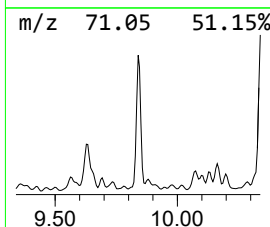
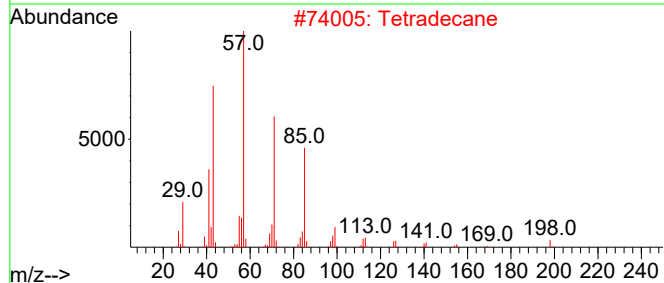
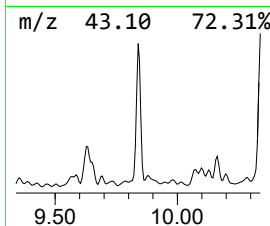
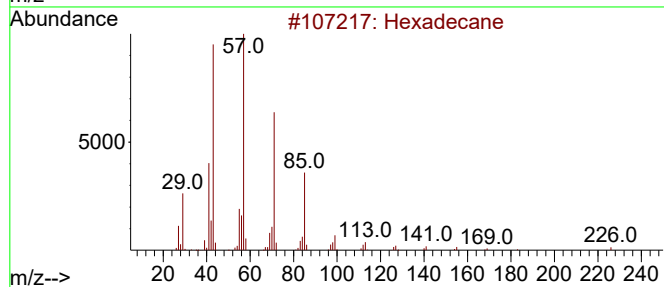
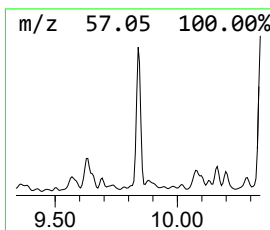
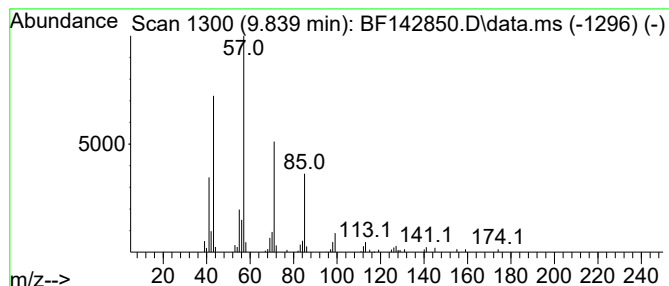
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Hexadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.839	2.95 ng	73500	Acenaphthene-d10	9.916

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	91
2			Tetradecane	198	C14H30	000629-59-4	91
3			Heptadecane	240	C17H36	000629-78-7	91
4			Tridecane	184	C13H28	000629-50-5	87
5			Dodecane	170	C12H26	000112-40-3	86



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ALS Vial : 18 Sample Multiplier: 1

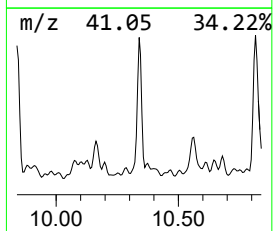
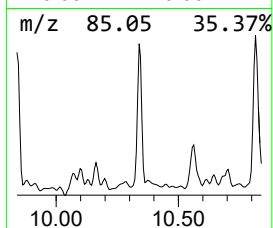
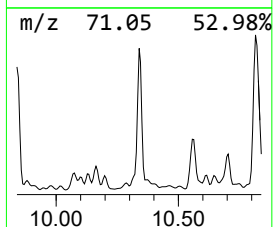
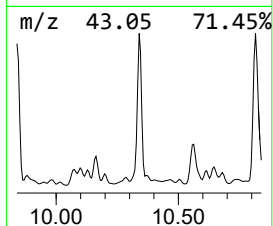
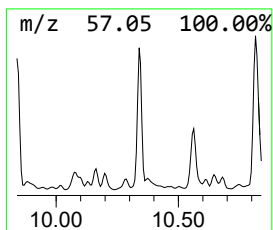
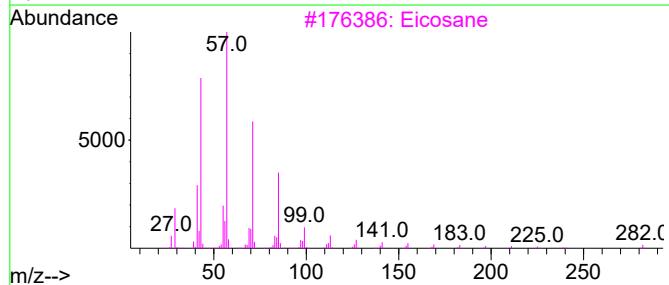
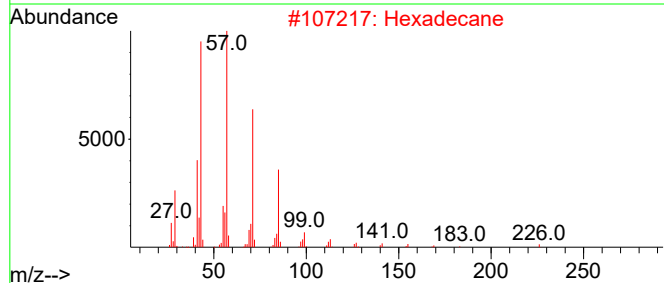
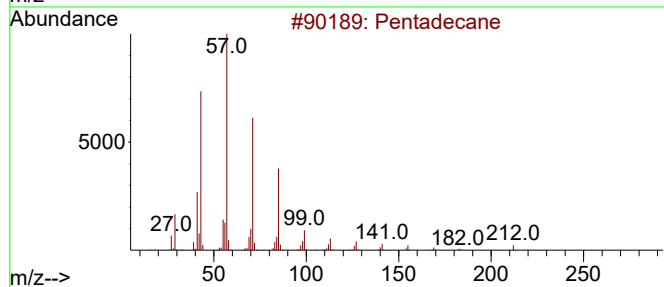
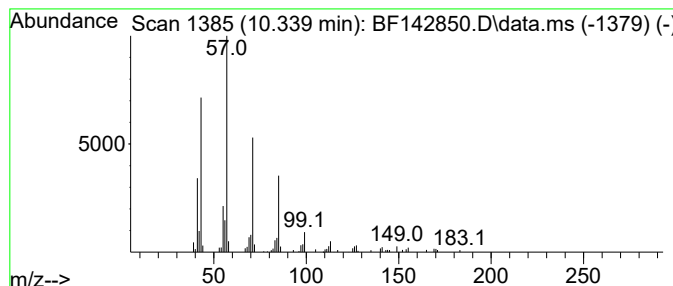
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Pentadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.339	3.91 ng	97386	Acenaphthene-d10	9.916	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	91
2	Hexadecane	226	C16H34	000544-76-3	91
3	Eicosane	282	C20H42	000112-95-8	87
4	Heptadecane	240	C17H36	000629-78-7	87
5	Nonadecane	268	C19H40	000629-92-5	87



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Instrument :
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TP-13

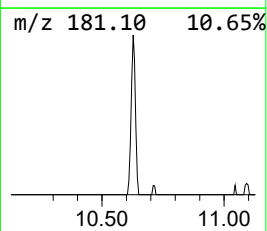
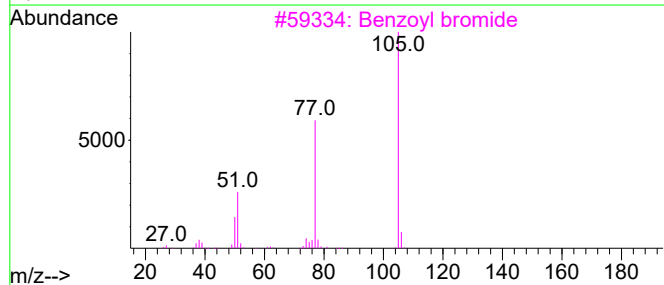
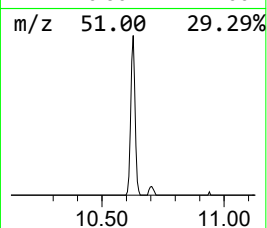
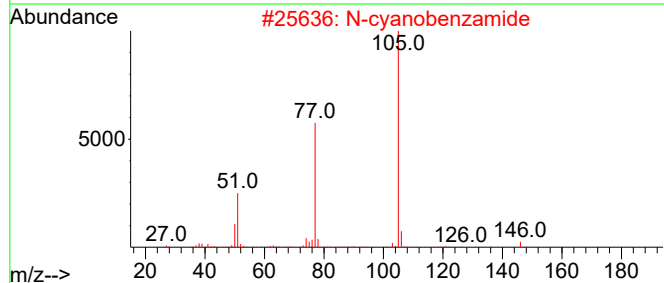
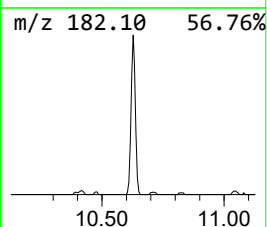
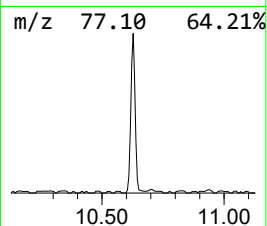
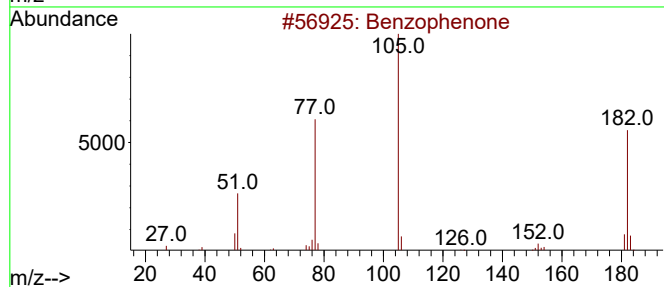
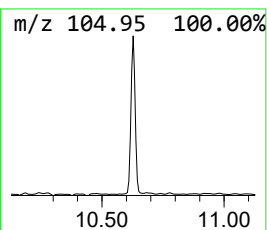
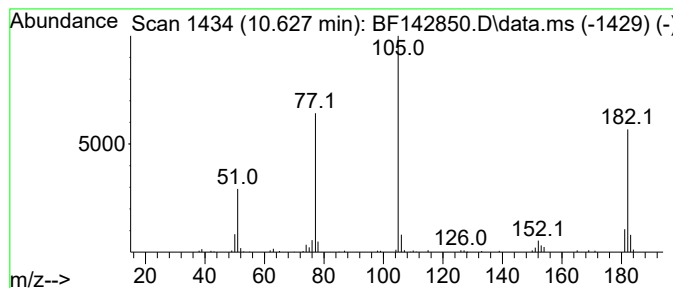
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Benzophenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.627	4.80 ng	119677	Acenaphthene-d10	9.916

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	96
2			N-cyanobenzamide	146	C8H6N2O	015150-25-1	47
3			Benzoyl bromide	184	C7H5BrO	000618-32-6	47
4			Methyl benzilate	242	C15H14O3	000076-89-1	47
5			Benzenebutanoic acid, .gamma.-oxo-	178	C10H10O3	002051-95-8	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062525\
Data File : BF142850.D
Acq On : 25 Jun 2025 21:40
Operator : RC/JU
Sample : Q2399-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-13

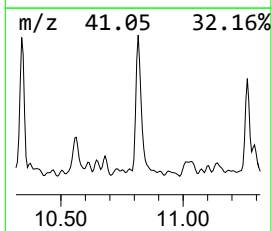
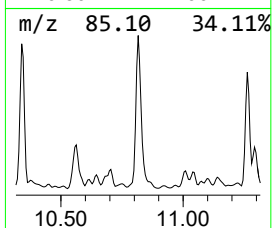
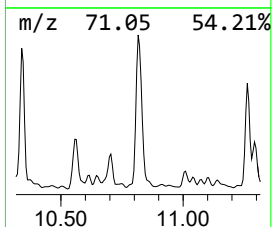
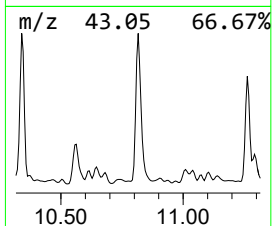
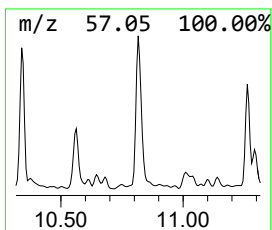
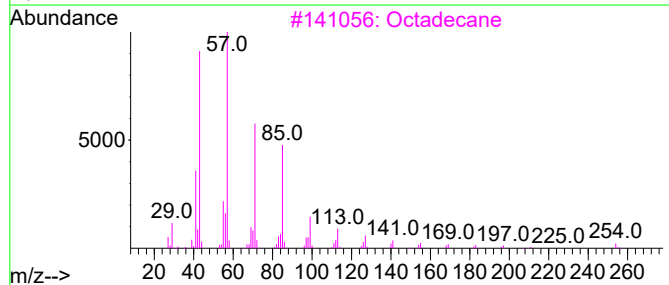
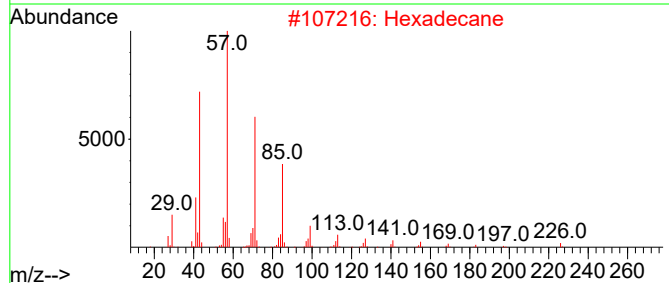
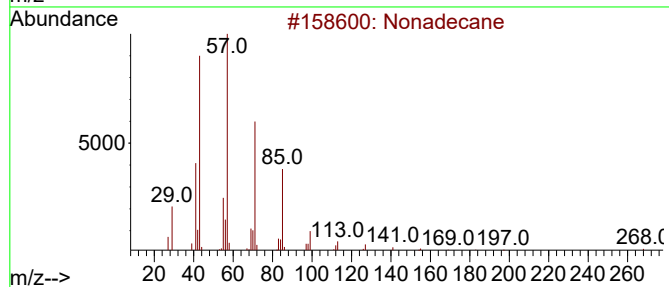
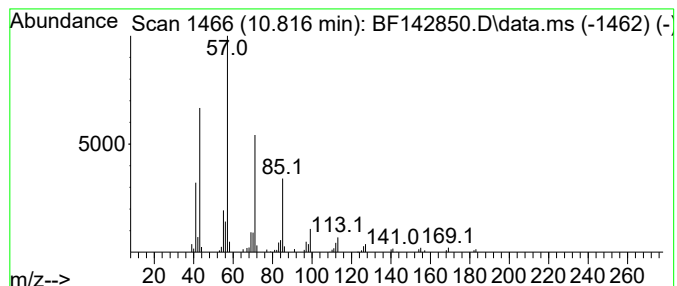
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Nonadecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.816	5.58 ng	115121	Phenanthrene-d10	11.404

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonadecane	268	C19H40	000629-92-5	91
2			Hexadecane	226	C16H34	000544-76-3	91
3			Octadecane	254	C18H38	000593-45-3	91
4			Tetracosane	338	C24H50	000646-31-1	91
5			Tritetracontane	605	C43H88	007098-21-7	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062525\
Data File : BF142850.D
Acq On : 25 Jun 2025 21:40
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Sample : Q2399-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

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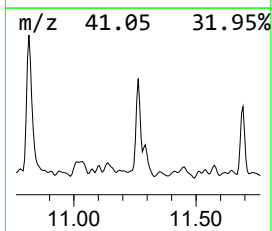
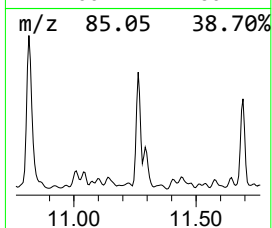
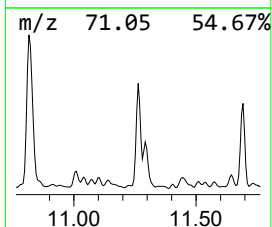
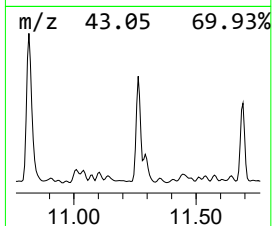
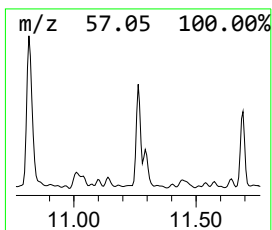
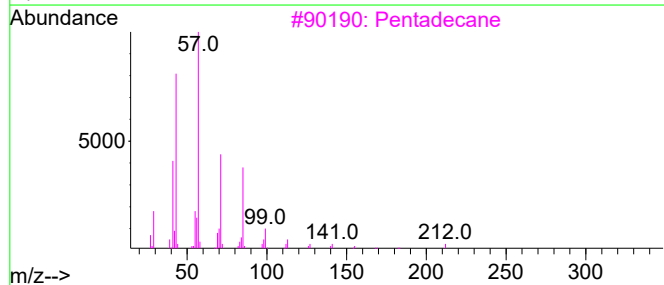
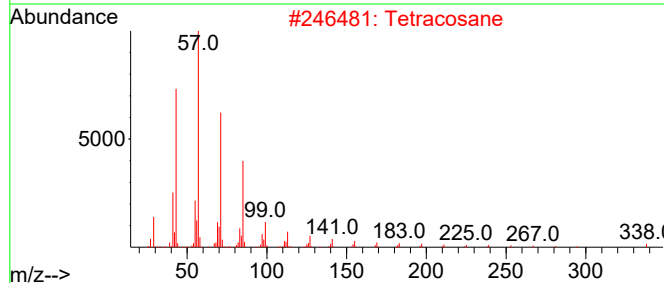
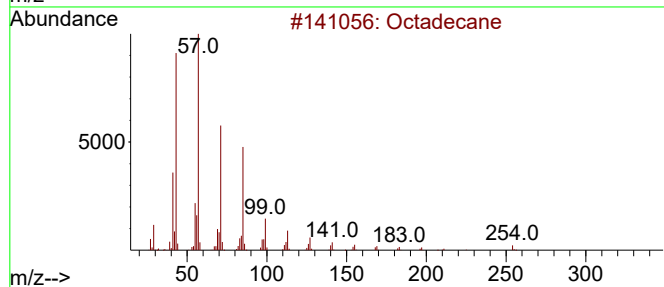
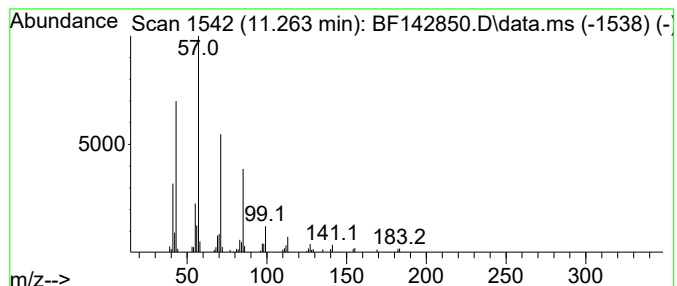
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Octadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.263	3.19 ng	65818	Phenanthrene-d10	11.404

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecane	254	C18H38	000593-45-3	91
2			Tetracosane	338	C24H50	000646-31-1	91
3			Pentadecane	212	C15H32	000629-62-9	91
4			Heptacosane	380	C27H56	000593-49-7	91
5			Heptadecane	240	C17H36	000629-78-7	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062525\
Data File : BF142850.D
Acq On : 25 Jun 2025 21:40
Operator : RC/JU
Sample : Q2399-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

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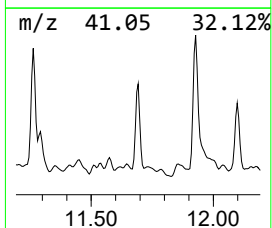
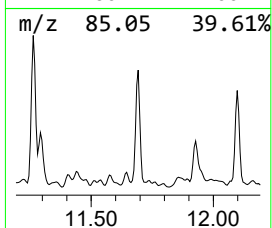
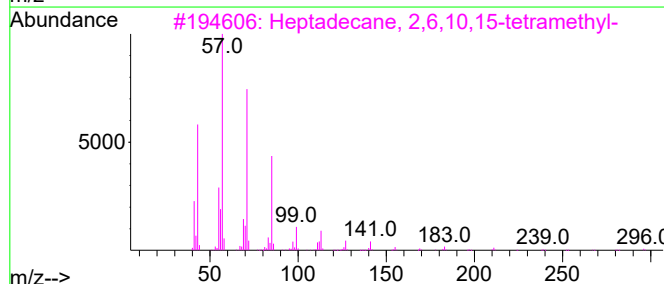
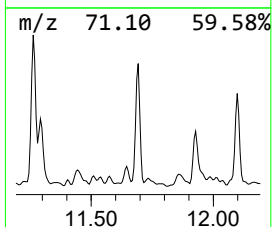
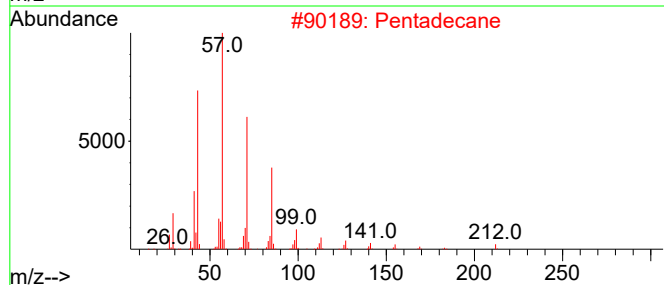
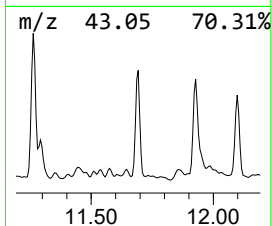
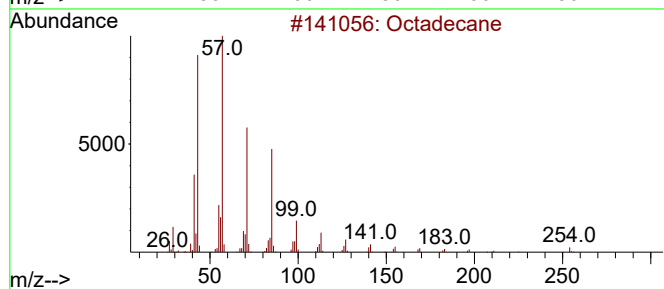
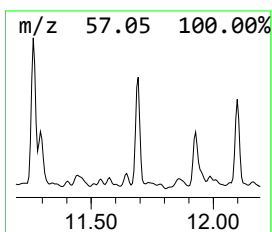
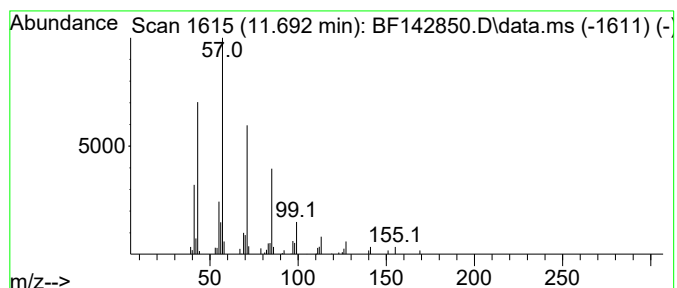
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Heptadecane, 2,6,10,15-tetr... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.692	2.31 ng	47639	Phenanthrene-d10	11.404

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octadecane	254	C18H38	000593-45-3	91
2		Pentadecane	212	C15H32	000629-62-9	91
3		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	91
4		Heptadecane	240	C17H36	000629-78-7	91
5		Heptacosane	380	C27H56	000593-49-7	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062525\
Data File : BF142850.D
Acq On : 25 Jun 2025 21:40
Operator : RC/JU
Sample : Q2399-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-13

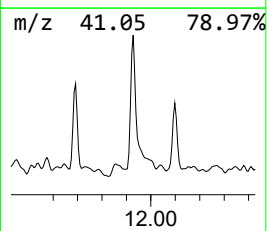
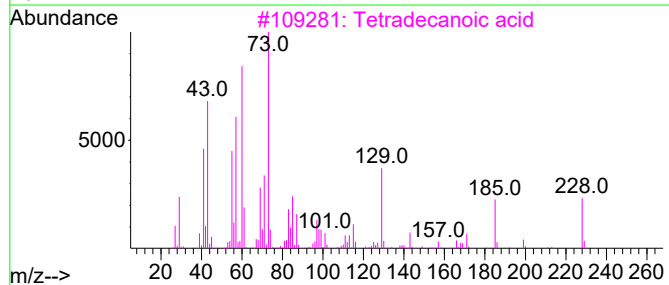
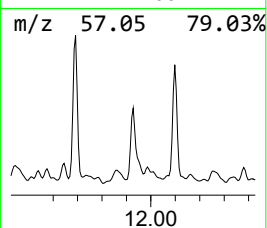
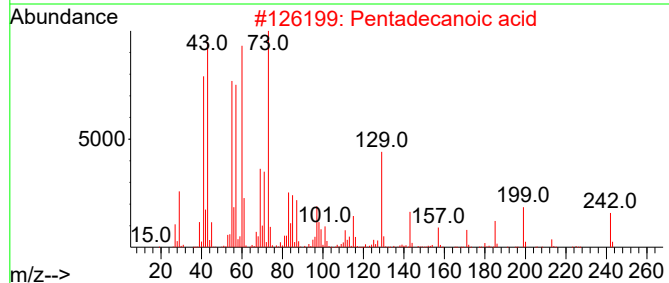
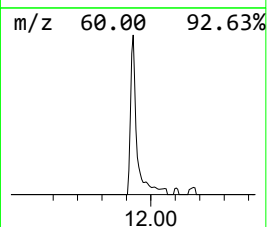
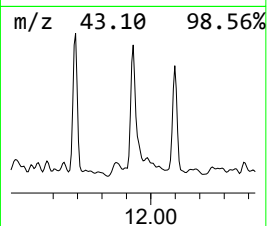
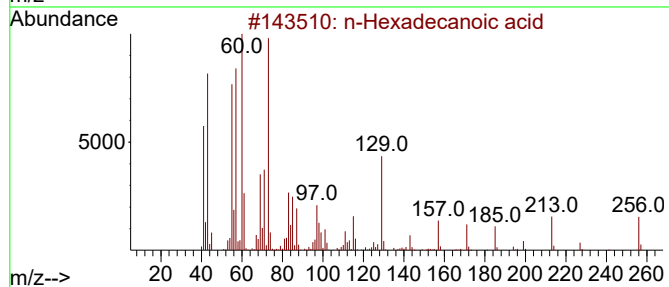
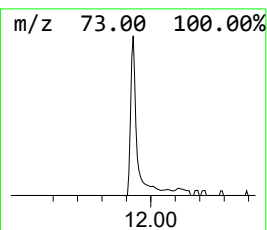
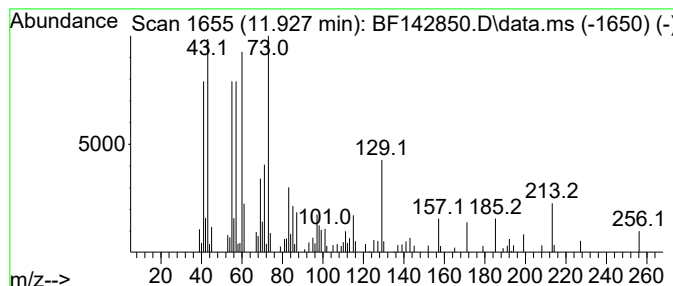
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.927	4.85 ng	9999	Phenanthrene-d10	11.404

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	83
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	80
4			Tridecanoic acid	214	C13H26O2	000638-53-9	76
5			Dodecanoic acid	200	C12H24O2	000143-07-7	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062525\
Data File : BF142850.D
Acq On : 25 Jun 2025 21:40
Operator : RC/JU
Sample : Q2399-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-13

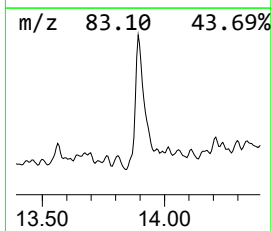
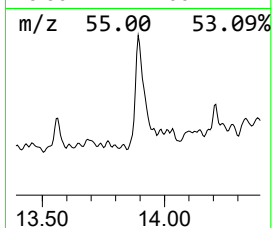
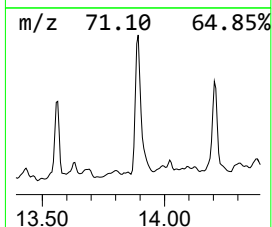
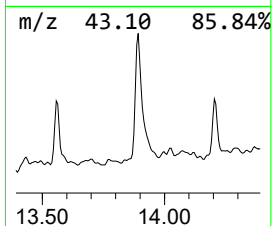
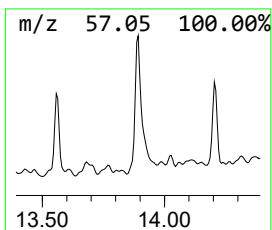
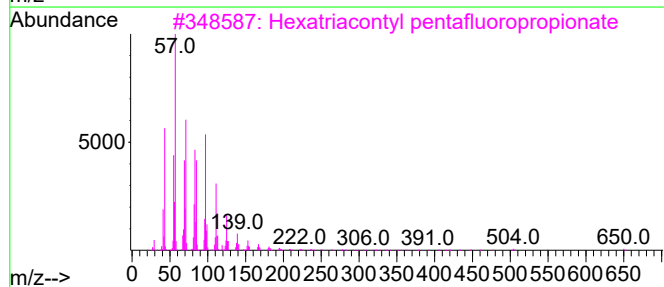
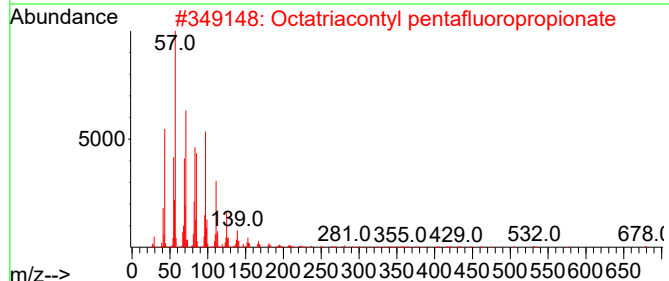
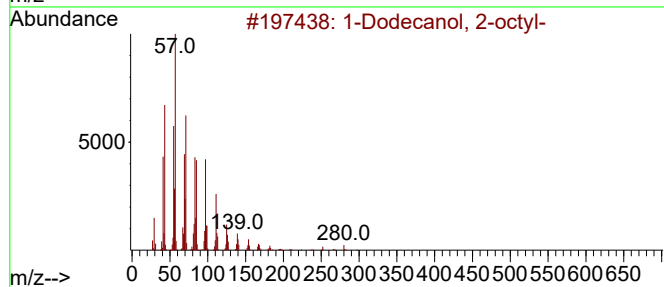
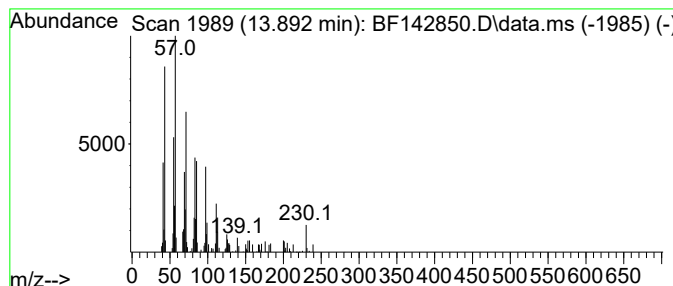
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 1-Dodecanol, 2-octyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.892	2.62 ng	74721	Chrysene-d12	14.051

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Dodecanol, 2-octyl-	298	C20H42O	005333-42-6	91
2			Octatriacontyl pentafluoropropio...	697	C41H77F5O2	1000351-89-1	91
3			Hexatriacontyl pentafluoropropio...	669	C39H73F5O2	1000351-89-0	90
4			Tetratriacontyl pentafluoropropi...	641	C37H69F5O2	1000351-81-5	87
5			1-Dodecanol, 2-hexyl-	270	C18H38O	110225-00-8	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062525\
Data File : BF142850.D
Acq On : 25 Jun 2025 21:40
Operator : RC/JU
Sample : Q2399-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

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

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
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Tetradecane	9.310	2.5	ng	63562	3	9.916	498160	20.0
Hexadecane	9.839	3.0	ng	73500	3	9.916	498160	20.0
Pentadecane	10.339	3.9	ng	97386	3	9.916	498160	20.0
Benzophenone	10.627	4.8	ng	119677	3	9.916	498160	20.0
Nonadecane	10.816	5.6	ng	115121	4	11.404	412384	20.0
Octadecane	11.263	3.2	ng	65818	4	11.404	412384	20.0
Heptadecane, 2,...	11.692	2.3	ng	47639	4	11.404	412384	20.0
n-Hexadecanoic ...	11.927	4.8	ng	99999	4	11.404	412384	20.0
1-Dodecanol, 2-...	13.892	2.6	ng	74721	5	14.051	570517	20.0