

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100925\
 Data File : BF143915.D
 Acq On : 09 Oct 2025 18:15
 Operator : RC/JU
 Sample : Q3302-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-658-COMP-01

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-BF100625.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF143915.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.098	485	494	502	rVB2	28722	56481	2.70%	0.313%
2	5.492	555	561	575	rBV	1537308	2068869	98.92%	11.458%
3	6.498	726	732	745	rBV	1552460	2087237	99.80%	11.560%
4	6.881	792	797	802	rBV	511286	620905	29.69%	3.439%
5	7.439	886	892	897	rBV	1004160	1292539	61.80%	7.159%
6	8.163	1009	1015	1033	rBV	619770	789888	37.77%	4.375%
7	8.557	1076	1082	1095	rBV	203862	305064	14.59%	1.690%
8	9.239	1192	1198	1203	rBV	1626926	2091524	100.00%	11.584%
9	9.498	1238	1242	1248	rBV6	11687	23319	1.11%	0.129%
10	9.557	1248	1252	1260	rVB2	68638	124286	5.94%	0.688%
11	9.675	1267	1272	1278	rVB2	28662	40534	1.94%	0.224%
12	9.922	1308	1314	1325	rVB	654626	858496	41.05%	4.755%
13	10.045	1325	1335	1339	rBV3	21115	42612	2.04%	0.236%
14	10.298	1374	1378	1381	rBV	37811	47394	2.27%	0.262%
15	10.598	1420	1429	1431	rBV	54114	79676	3.81%	0.441%
16	10.633	1431	1435	1442	rVV	251135	310801	14.86%	1.721%
17	10.710	1442	1448	1460	rVV	849613	1127054	53.89%	6.242%
18	11.410	1562	1567	1574	rVV	604212	781539	37.37%	4.328%
19	11.463	1574	1576	1582	rVB2	15343	21329	1.02%	0.118%
20	11.792	1626	1632	1637	rBV8	15586	25918	1.24%	0.144%
21	11.933	1648	1656	1668	rBV2	219359	385006	18.41%	2.132%
22	12.510	1749	1754	1759	rVB3	27956	40925	1.96%	0.227%
23	12.627	1770	1774	1785	rVB	38117	74666	3.57%	0.414%
24	12.721	1785	1790	1803	rBV2	54089	123252	5.89%	0.683%
25	12.857	1809	1813	1817	rBV	31566	46167	2.21%	0.256%
26	12.998	1832	1837	1845	rVB	1377835	1791076	85.63%	9.920%
27	13.227	1872	1876	1883	rBV3	17760	26476	1.27%	0.147%
28	13.321	1887	1892	1900	rVB	56776	88086	4.21%	0.488%
29	13.433	1906	1911	1914	rBV	313788	440122	21.04%	2.438%
30	13.463	1914	1916	1926	rVB2	161746	228450	10.92%	1.265%
31	13.574	1931	1935	1941	rVV2	21652	35230	1.68%	0.195%
32	13.692	1952	1955	1960	rVB5	15622	22955	1.10%	0.127%
33	13.904	1986	1991	1994	rBV	101075	160575	7.68%	0.889%
34	14.057	2010	2017	2028	rBV	515044	753834	36.04%	4.175%
35	14.221	2041	2045	2053	rVB2	31568	53064	2.54%	0.294%
36	14.457	2082	2085	2088	rBV	28566	37984	1.82%	0.210%

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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-BF100625.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	14.527	2094	2097	2106	rVB3	30764	46757	2.24%	0.259%
38	15.180	2204	2208	2211	rBV	63499	87913	4.20%	0.487%
39	15.539	2263	2269	2282	rVB	420344	736125	35.20%	4.077%
40	16.015	2346	2350	2356	rVB	52914	81648	3.90%	0.452%

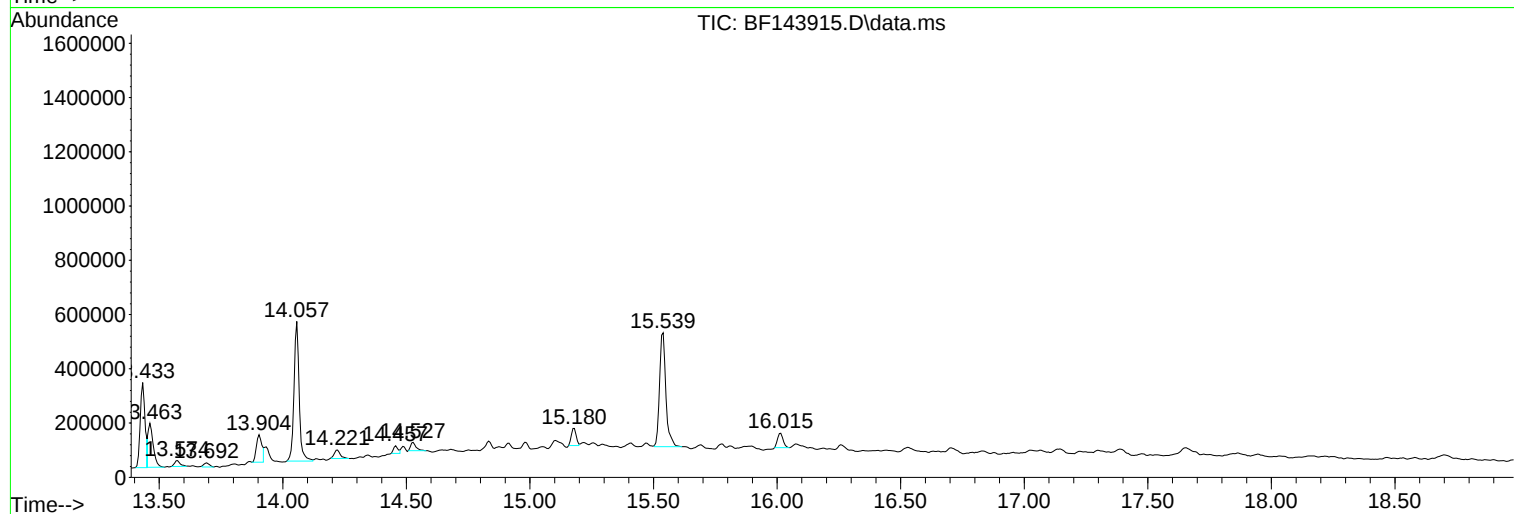
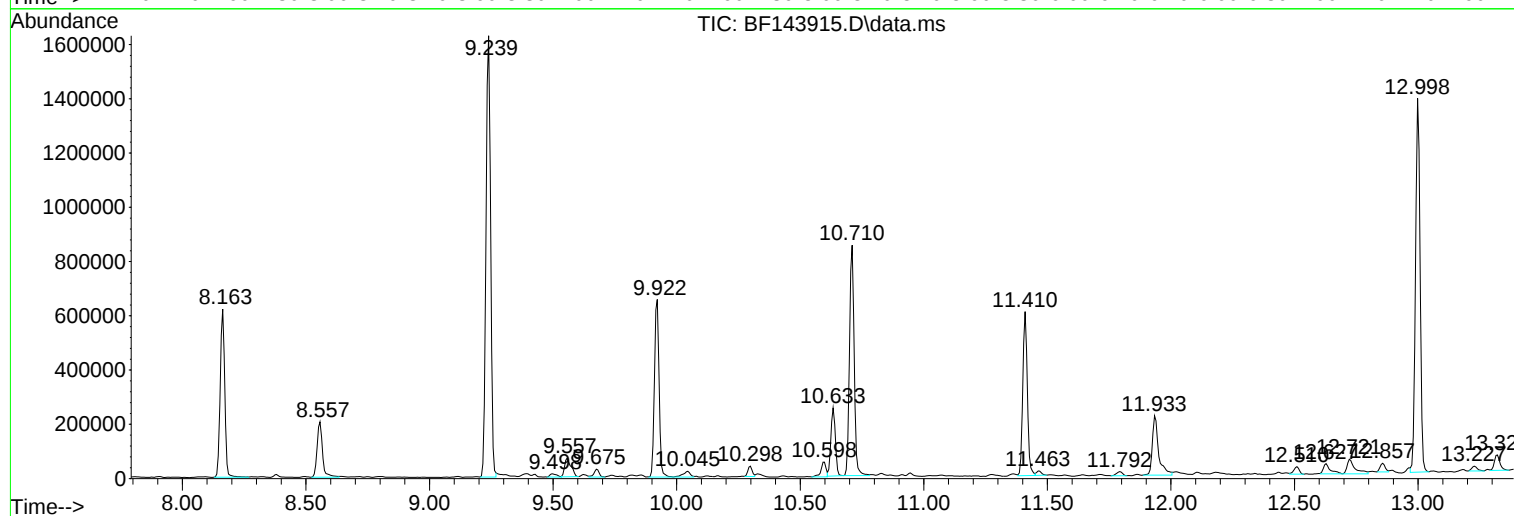
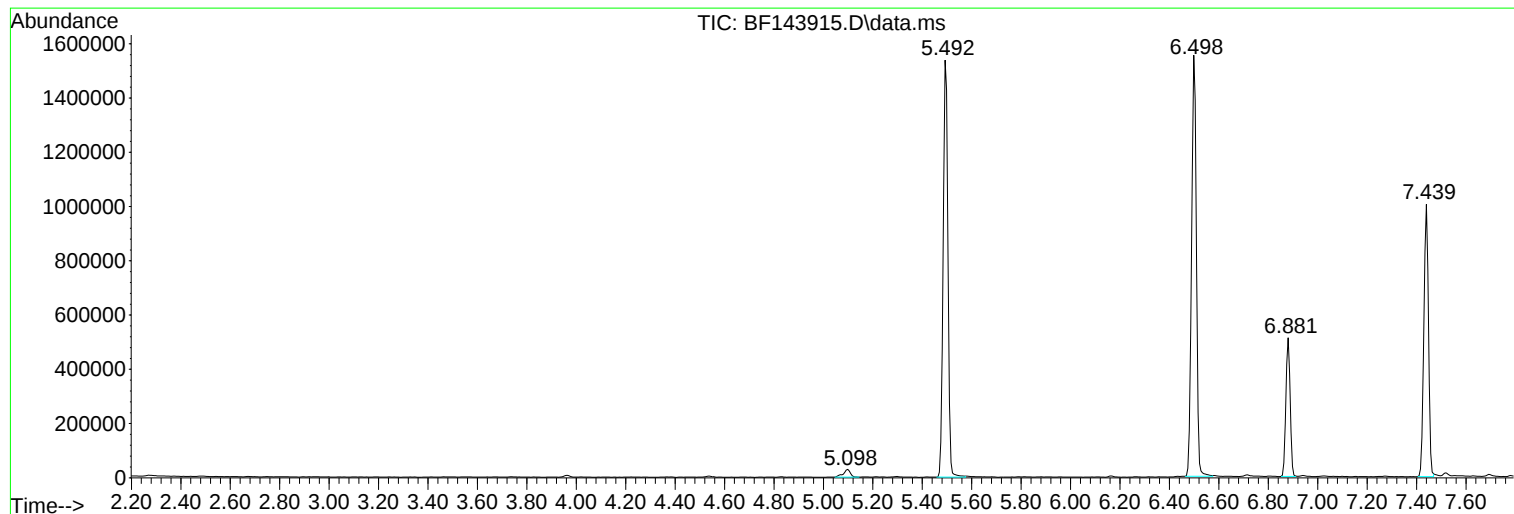
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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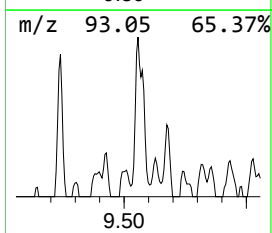
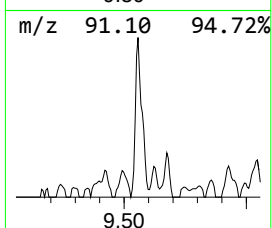
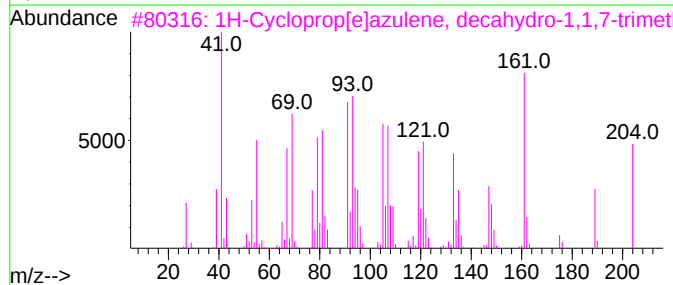
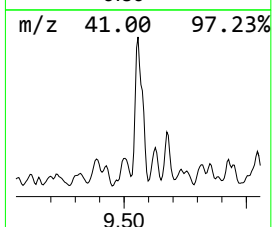
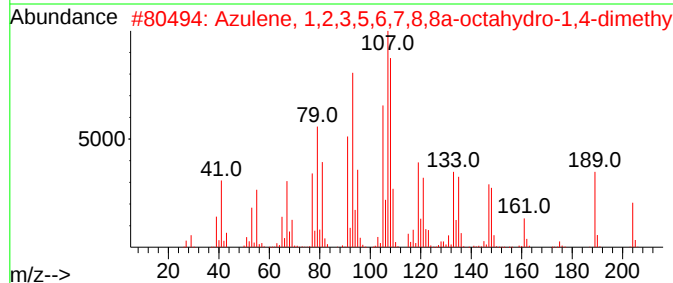
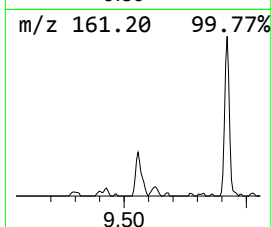
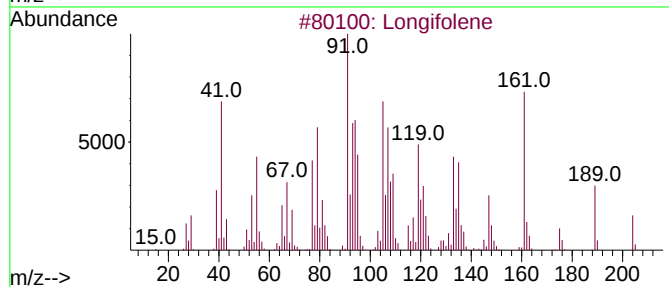
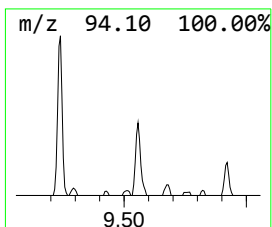
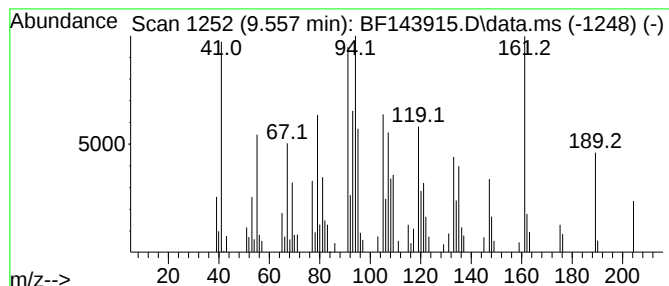
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Longifolene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.557	2.90 ng	124286	Acenaphthene-d10	9.922

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Longifolene	204	C15H24	000475-20-7	99
2			Azulene, 1,2,3,5,6,7,8,8a-octahy...	204	C15H24	003691-11-0	78
3			1H-Cycloprop[e]azulene, decahydr...	204	C15H24	072747-25-2	60
4			Tricyclo[4.1.0.0(2,4)]heptane, 3...	204	C15H24	056348-21-1	53
5			.beta.-Longipinene	204	C15H24	041432-70-6	51



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Misc :
ALS Vial : 9 Sample Multiplier: 1

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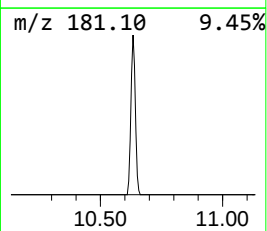
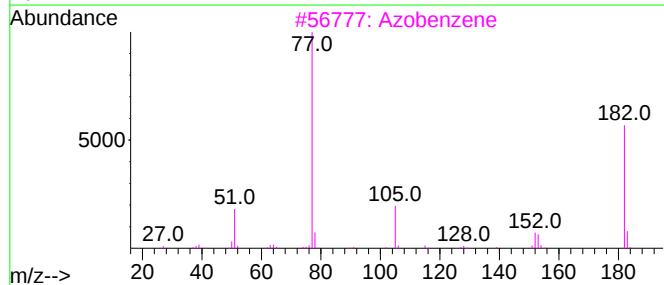
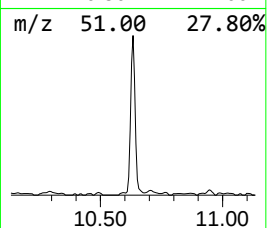
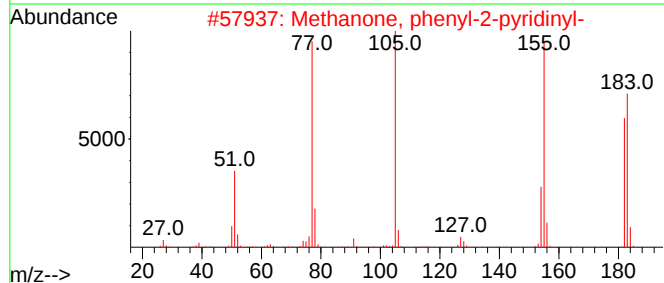
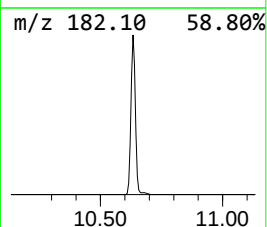
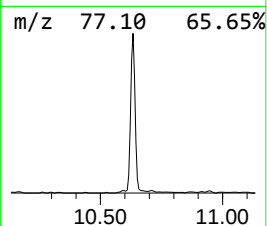
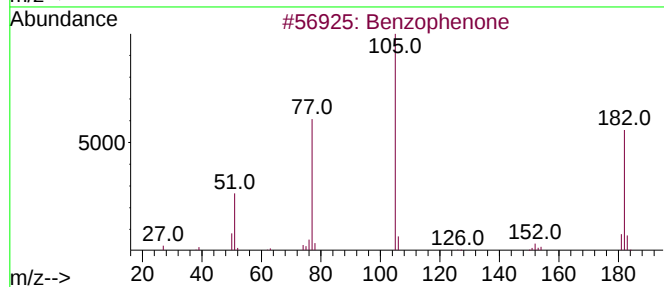
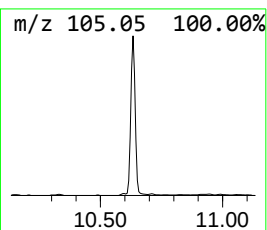
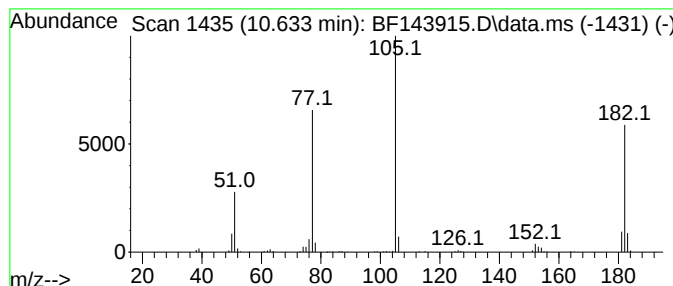
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Benzophenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.633	7.24 ng	310801	Acenaphthene-d10	9.922

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	96
2			Methanone, phenyl-2-pyridinyl-	183	C12H9NO	000091-02-1	72
3			Azobenzene	182	C12H10N2	000103-33-3	59
4			Vinyl benzoate	148	C9H8O2	000769-78-8	47
5			N-Methylbenzamide, N-trifluoroac...	231	C10H8F3NO2	1000446-91-5	47



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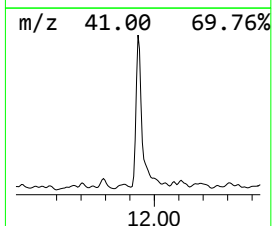
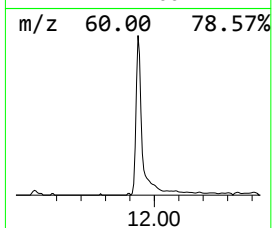
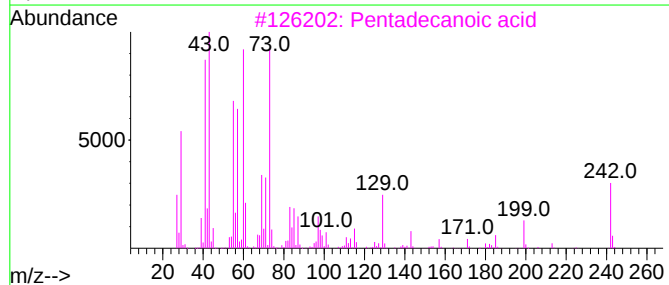
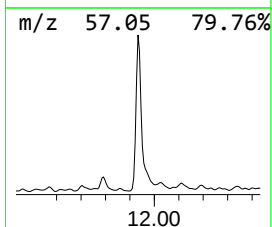
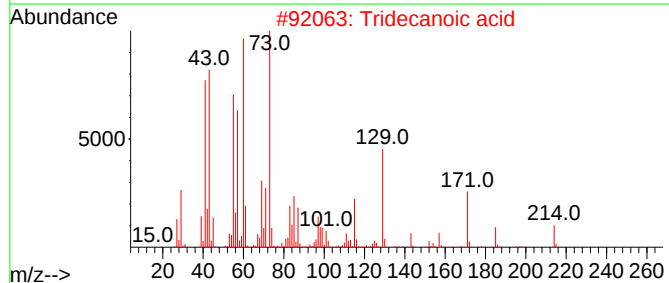
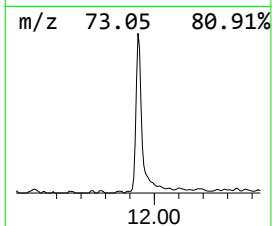
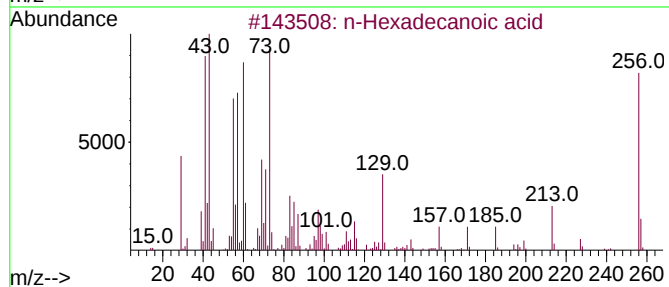
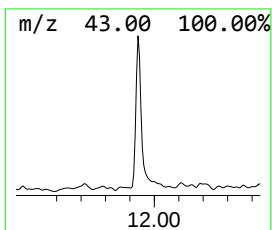
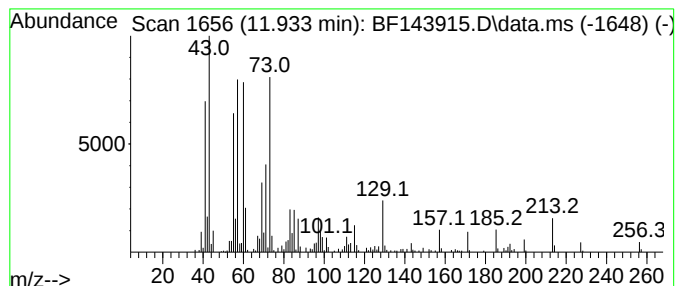
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.933	9.85 ng	385006	Phenanthrene-d10	11.410	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	94
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	86
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	86
5	Nonanoic acid	158	C9H18O2	000112-05-0	55



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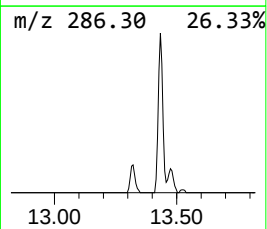
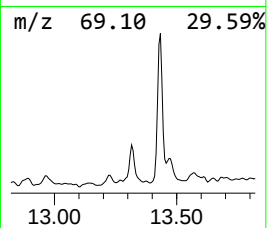
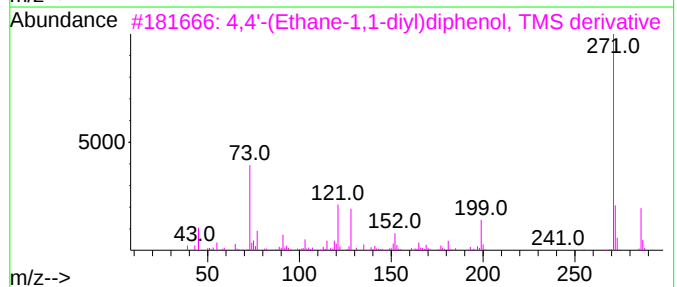
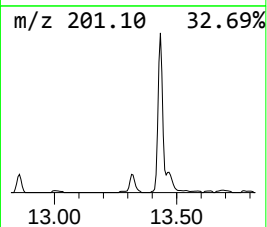
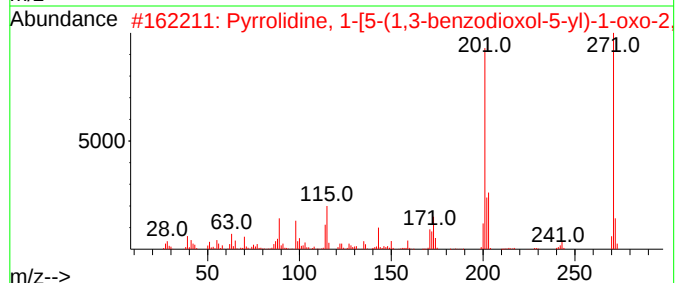
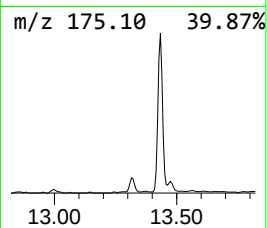
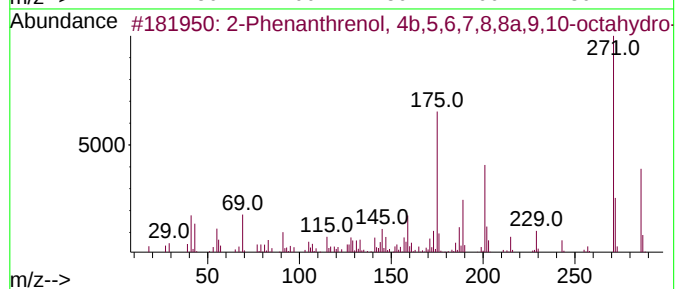
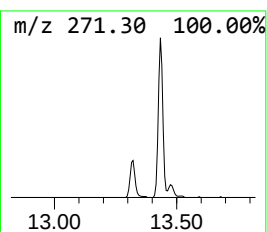
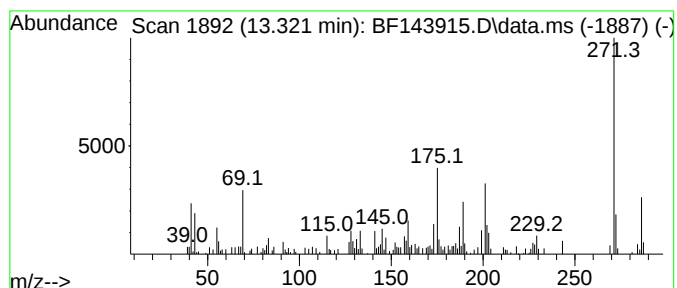
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 2-Phenanthrenol, 4b,5,6,7,8... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.321	2.34 ng	88086	Chrysene-d12	14.057

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Phenanthrenol, 4b,5,6,7,8,8a,9...	286	C20H30O	000511-15-9	98
2			Pyrrolidine, 1-[5-(1,3-benzodiox...	271	C16H17NO3	025924-78-1	47
3			4,4'-(Ethane-1,1-diyl)diphenol, ...	286	C17H22O2Si	1000488-41-7	45
4			Silane, methylvinyl(hept-2-yloxy...	386	C20H42O3Si2	1000415-64-3	38
5			Crinan-1-one	271	C16H17NO3	098301-98-5	35



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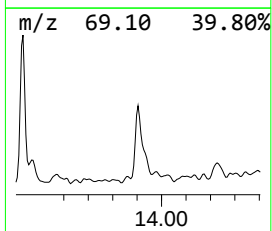
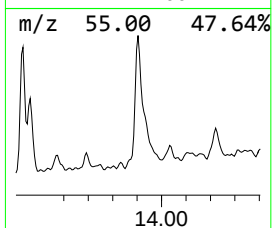
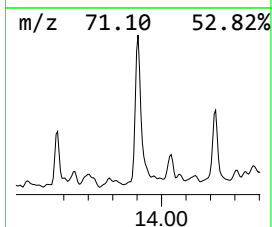
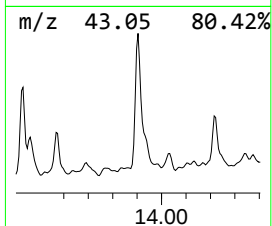
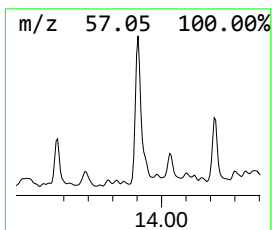
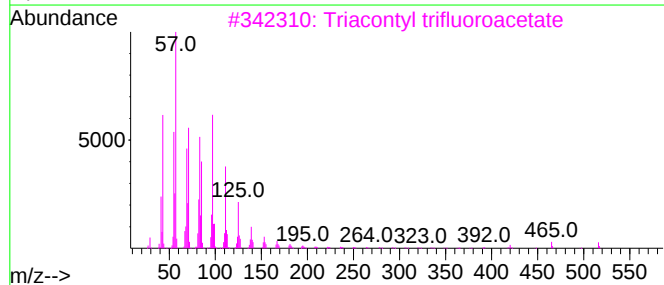
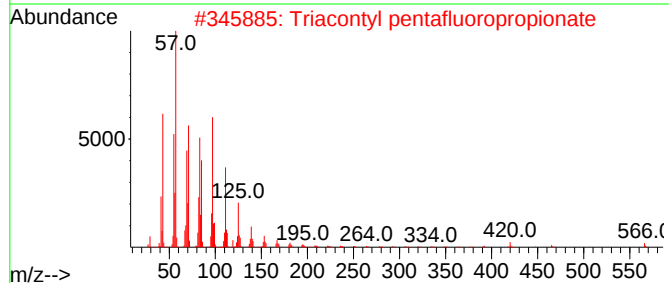
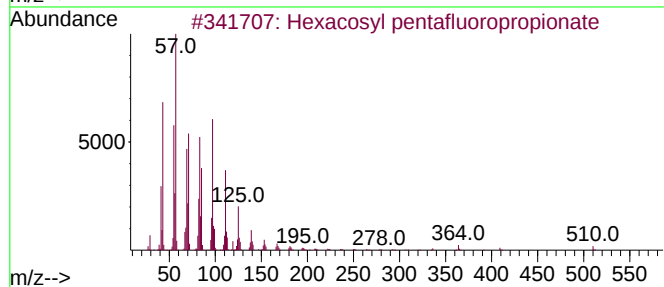
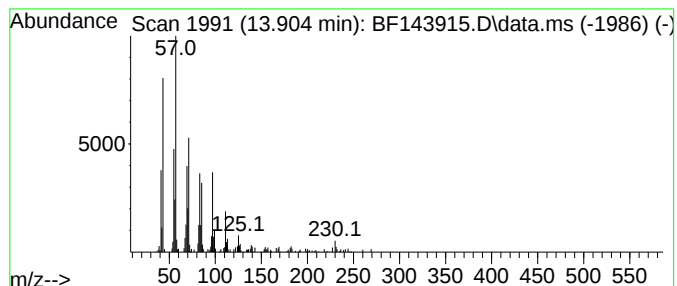
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Hexacosyl pentafluoropropio... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.904	4.26 ng	160575	Chrysene-d12	14.057

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexacosyl pentafluoropropionate	528	C29H53F5O2	1000351-81-2	91
2			Triacontyl pentafluoropropionate	584	C33H61F5O2	1000351-80-0	91
3			Triacontyl trifluoroacetate	534	C32H61F3O2	1000351-75-7	91
4			Oxirane, [(dodecyloxy)methyl]-	242	C15H30O2	002461-18-9	91
5			Dotriacontyl heptafluorobutyrate	662	C36H65F7O2	1000351-84-2	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100925\
Data File : BF143915.D
Acq On : 09 Oct 2025 18:15
Operator : RC/JU
Sample : Q3302-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-658-COMP-01

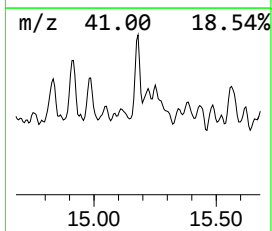
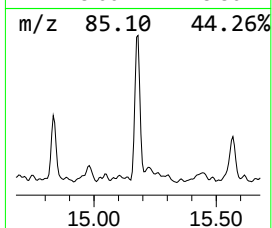
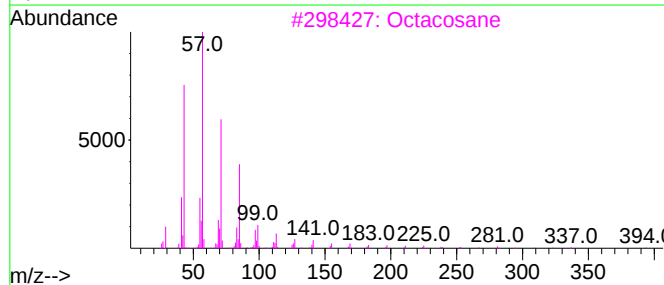
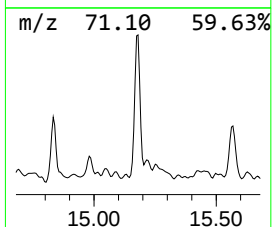
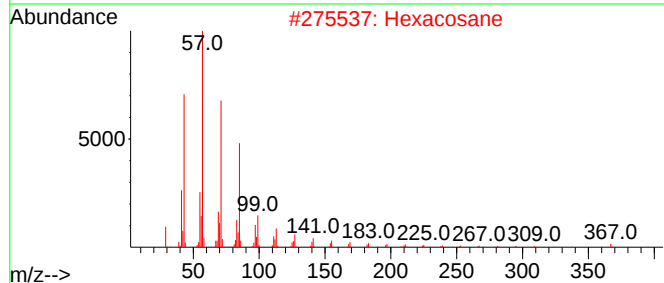
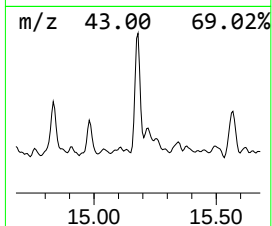
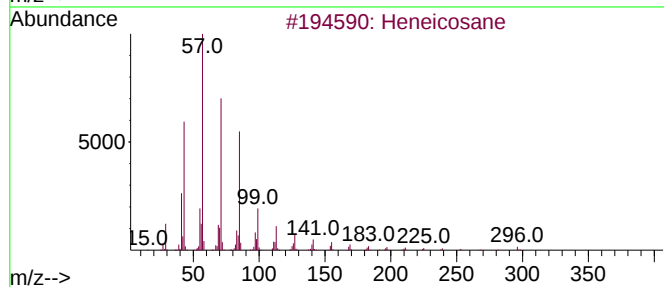
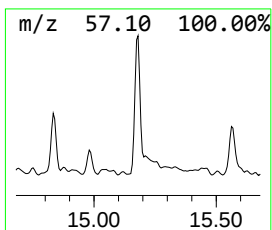
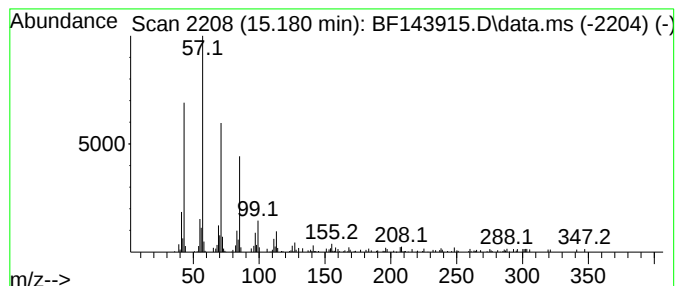
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Heneicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.180	2.39 ng	87913	Perylene-d12	15.539

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heneicosane	296	C21H44	000629-94-7	93
2		Hexacosane	366	C26H54	000630-01-3	90
3		Octacosane	394	C28H58	000630-02-4	90
4		Heptacosane	380	C27H56	000593-49-7	87
5		Octadecane	254	C18H38	000593-45-3	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100925\
Data File : BF143915.D
Acq On : 09 Oct 2025 18:15
Operator : RC/JU
Sample : Q3302-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-658-COMP-01

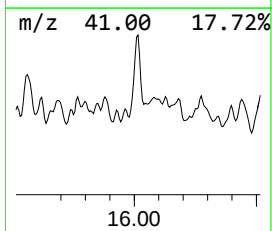
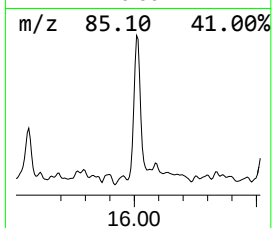
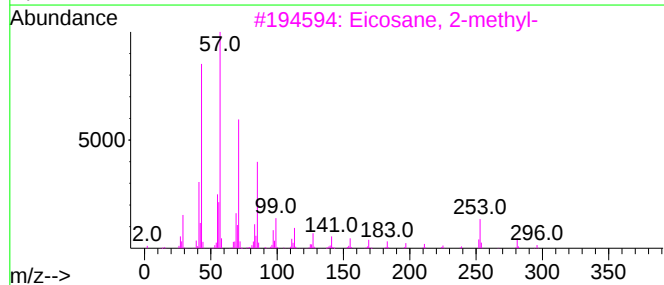
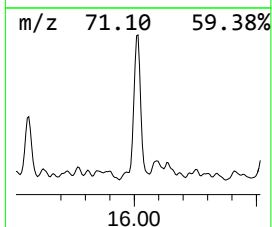
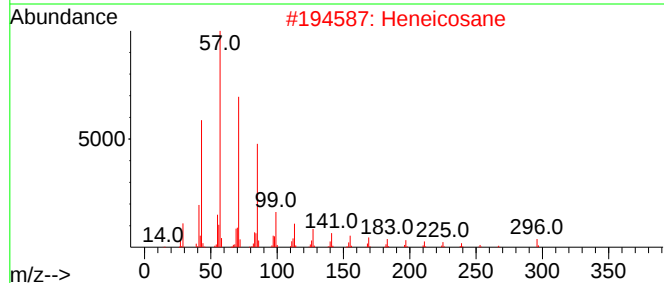
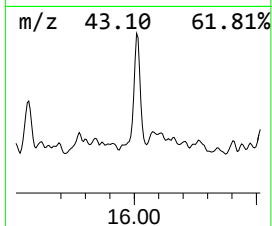
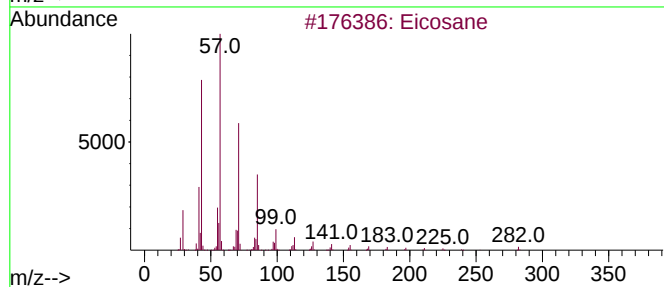
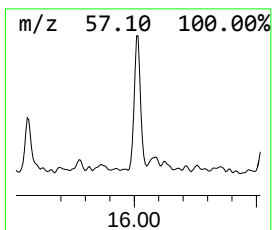
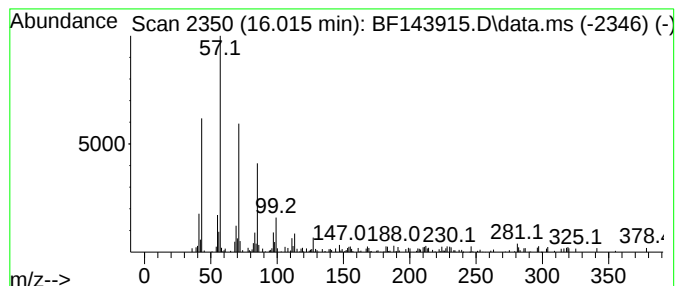
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Eicosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.015	2.22 ng	81648	Perylene-d12	15.539

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Eicosane	282	C20H42	000112-95-8	91
2			Heneicosane	296	C21H44	000629-94-7	90
3			Eicosane, 2-methyl-	296	C21H44	001560-84-5	90
4			Heptacosane	380	C27H56	000593-49-7	83
5			2-Bromo dodecane	248	C12H25Br	013187-99-0	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100925\
Data File : BF143915.D
Acq On : 09 Oct 2025 18:15
Operator : RC/JU
Sample : Q3302-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-658-COMP-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Longifolene	9.557	2.9	ng	124286	3	9.922	858496	20.0
Benzophenone	10.633	7.2	ng	310801	3	9.922	858496	20.0
n-Hexadecanoic ...	11.933	9.8	ng	385006	4	11.410	781539	20.0
2-Phenanthrenol...	13.321	2.3	ng	88086	5	14.057	753834	20.0
Hexacosyl penta...	13.904	4.3	ng	160575	5	14.057	753834	20.0
Heneicosane	15.180	2.4	ng	87913	6	15.539	736125	20.0
Eicosane	16.015	2.2	ng	81648	6	15.539	736125	20.0