

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112024\
 Data File : BF140516.D
 Acq On : 20 Nov 2024 22:40
 Operator : RC/JU
 Sample : P4822-06
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-3

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-BF111324.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF140516.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.146	3	9	23	rVB	800723	1292205	54.22%	6.665%
2	5.098	500	511	521	rBV	36094	66121	2.77%	0.341%
3	5.504	575	580	593	rBV	1560991	2069248	86.82%	10.672%
4	6.510	745	751	770	rBV	1485786	2013636	84.49%	10.386%
5	6.875	808	813	818	rBV	479813	586929	24.63%	3.027%
6	7.434	900	908	917	rBV	1015187	1301024	54.59%	6.710%
7	7.687	944	951	958	rBV	27799	41346	1.73%	0.213%
8	8.151	1025	1030	1047	rVB	488462	660547	27.71%	3.407%
9	9.228	1207	1213	1223	rBV	1673314	2188966	91.84%	11.290%
10	9.910	1323	1329	1341	rVB	471236	623725	26.17%	3.217%
11	10.622	1444	1450	1456	rBV	416428	542625	22.77%	2.799%
12	10.698	1458	1463	1472	rVV	903291	1195442	50.16%	6.166%
13	10.927	1498	1502	1509	rVB	84498	110902	4.65%	0.572%
14	11.063	1521	1525	1535	rBV4	23814	42417	1.78%	0.219%
15	11.251	1553	1557	1569	rBV9	12026	30007	1.26%	0.155%
16	11.398	1576	1582	1592	rBV	527318	753748	31.63%	3.888%
17	11.627	1615	1621	1627	rBV2	12111	29958	1.26%	0.155%
18	11.851	1655	1659	1662	rBV3	18971	29538	1.24%	0.152%
19	11.922	1666	1671	1683	rVV2	386950	637731	26.76%	3.289%
20	12.092	1695	1700	1705	rBV5	28727	56237	2.36%	0.290%
21	12.416	1752	1755	1759	rBV	22623	29905	1.25%	0.154%
22	12.616	1785	1789	1800	rVB2	144597	302999	12.71%	1.563%
23	12.710	1801	1805	1817	rVB2	75115	131107	5.50%	0.676%
24	12.845	1823	1828	1831	rBV	89961	124883	5.24%	0.644%
25	12.986	1846	1852	1859	rBV	1807026	2383373	100.00%	12.292%
26	13.886	2001	2005	2017	rVB2	98429	231509	9.71%	1.194%
27	14.045	2028	2032	2040	rVB	462968	653676	27.43%	3.371%
28	14.898	2173	2177	2182	rVB	174318	244003	10.24%	1.258%
29	15.162	2218	2222	2227	rVB	203379	285463	11.98%	1.472%
30	15.539	2282	2286	2304	rVB	287175	491886	20.64%	2.537%
31	15.992	2359	2363	2371	rVB	140374	237702	9.97%	1.226%

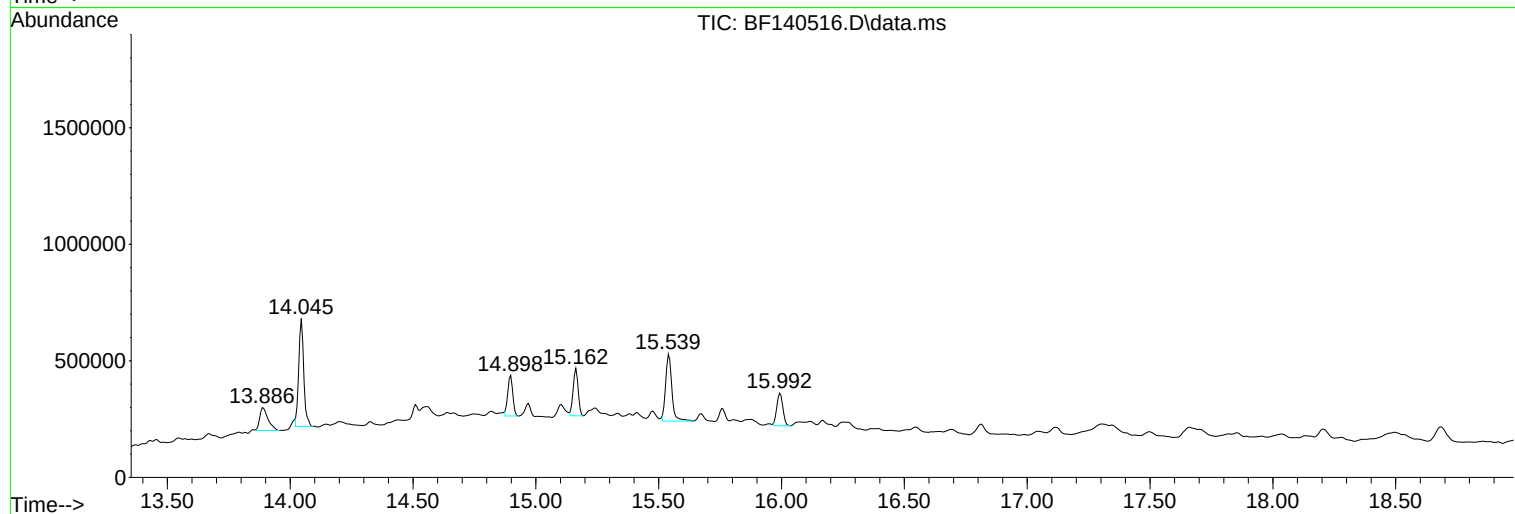
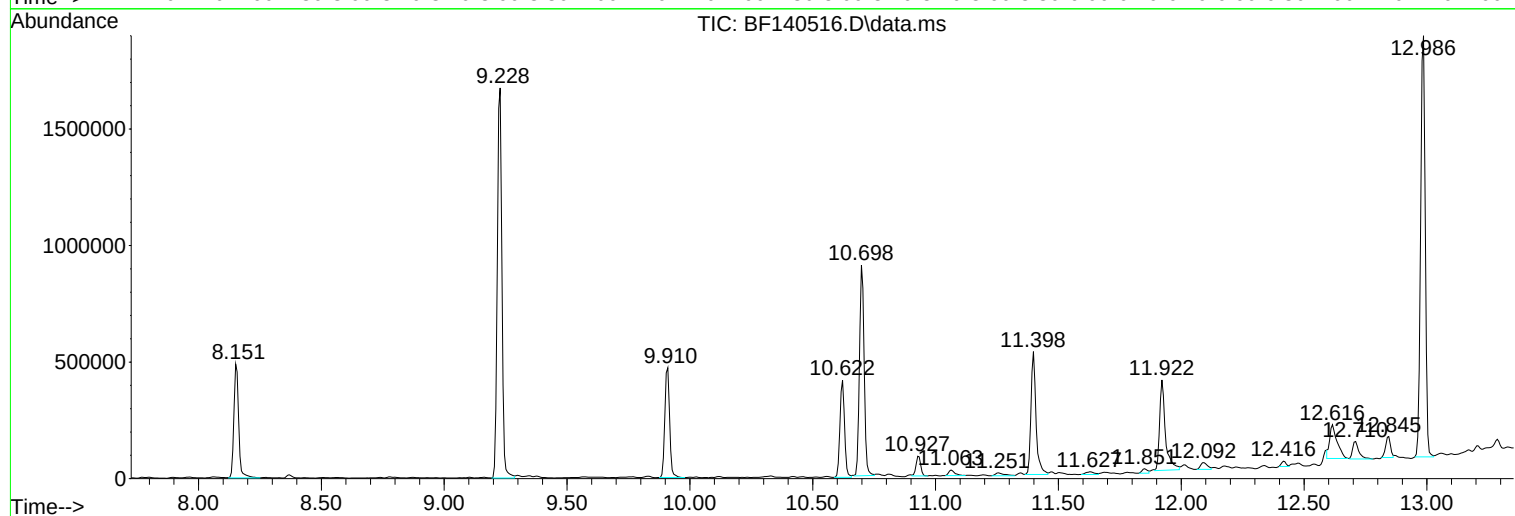
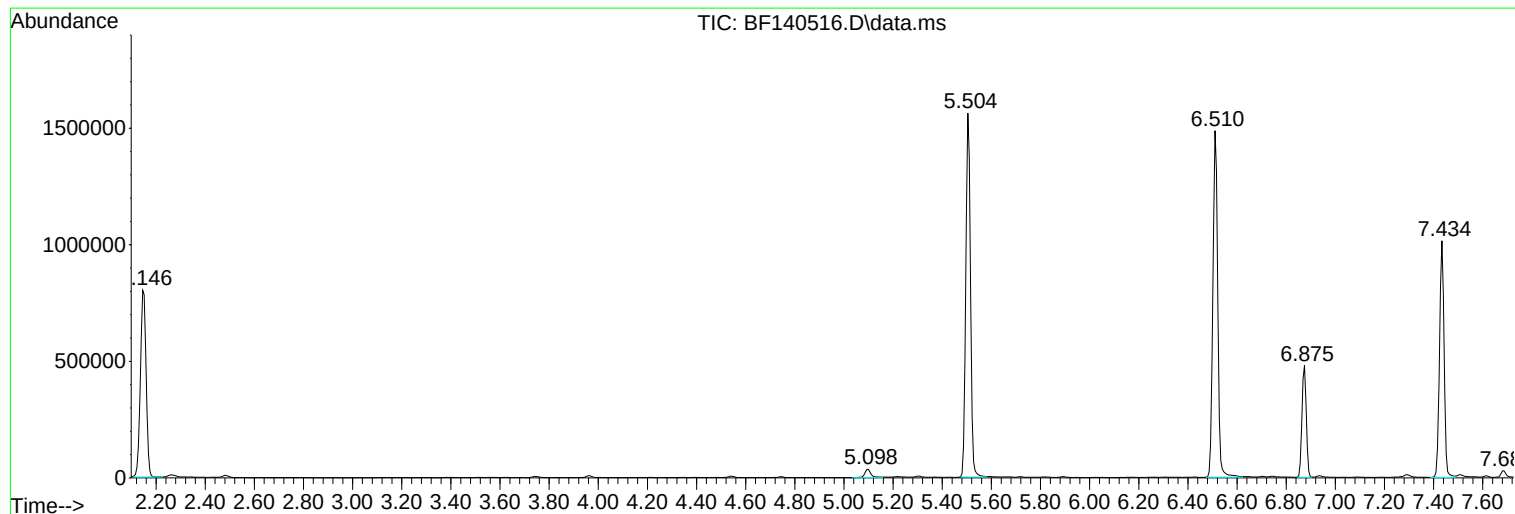
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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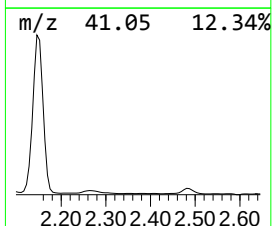
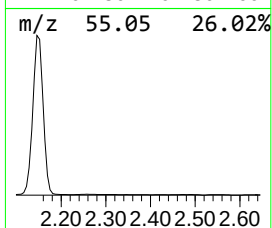
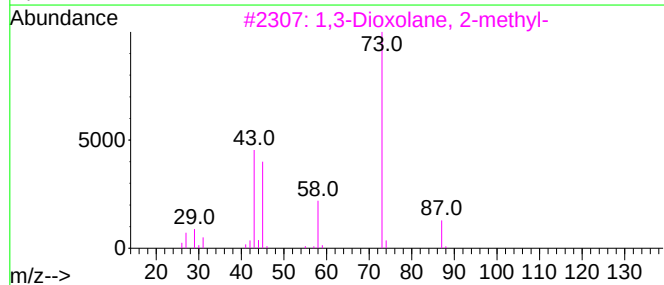
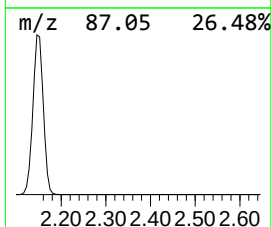
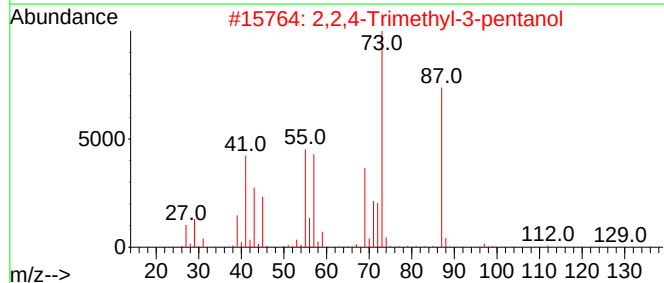
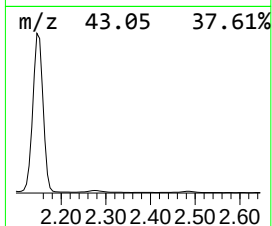
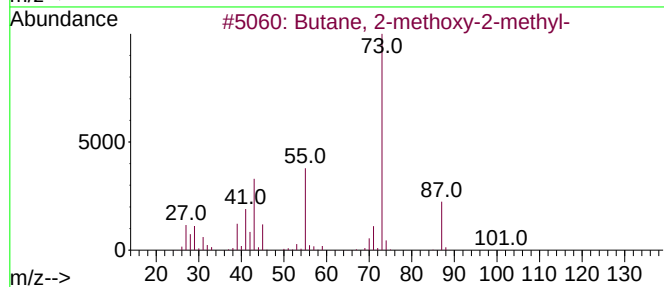
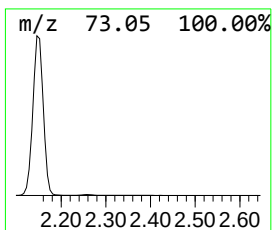
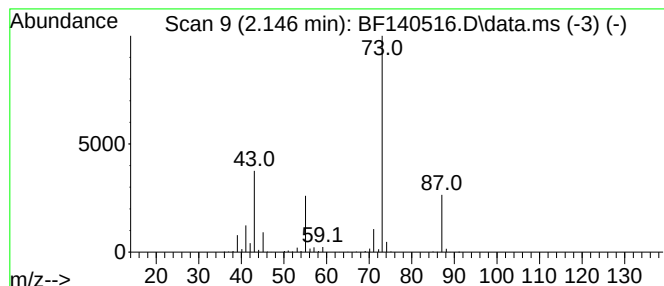
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.146	44.03 ng	1292210	1,4-Dichlorobenzene-d4	6.875

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2			2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3			1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
4			Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
5			Silane, tetramethyl-	88	C4H12Si	000075-76-3	12



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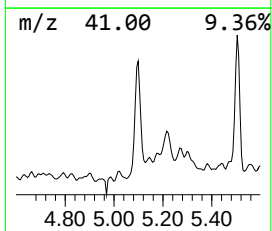
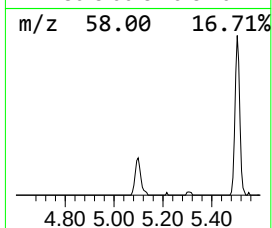
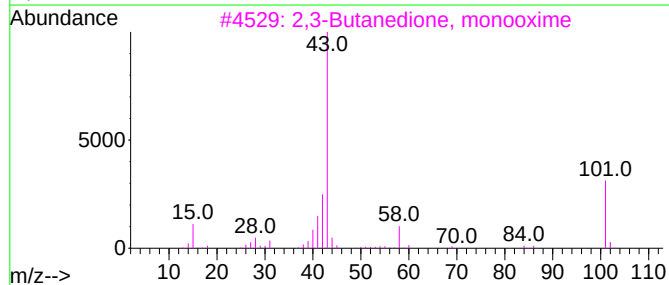
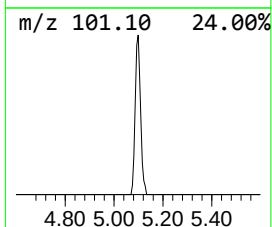
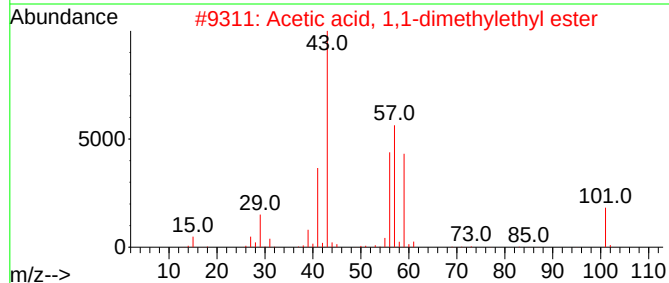
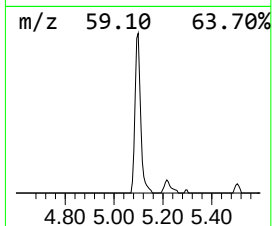
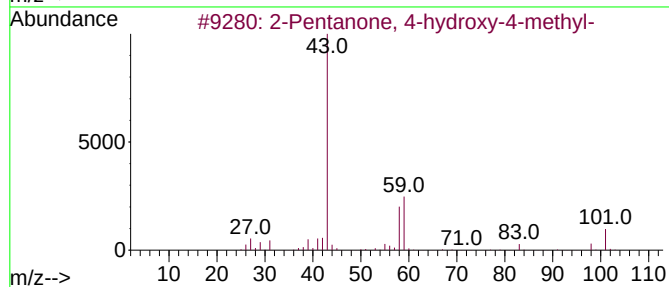
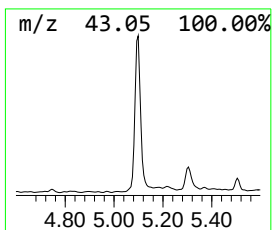
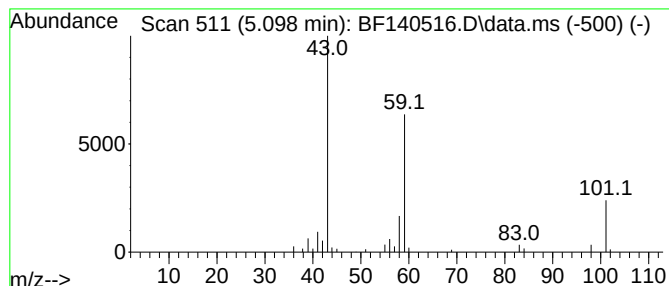
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.098	2.25 ng	66121	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	64
2			Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38
3			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	38
4			Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
5			Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	12



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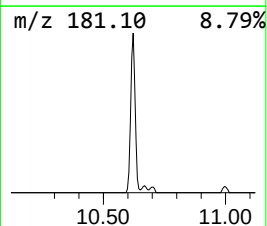
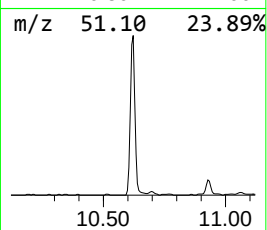
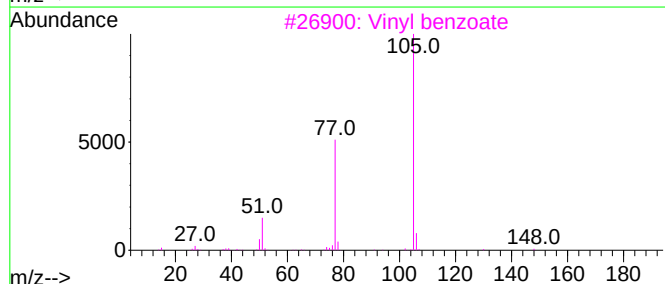
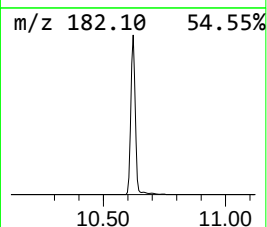
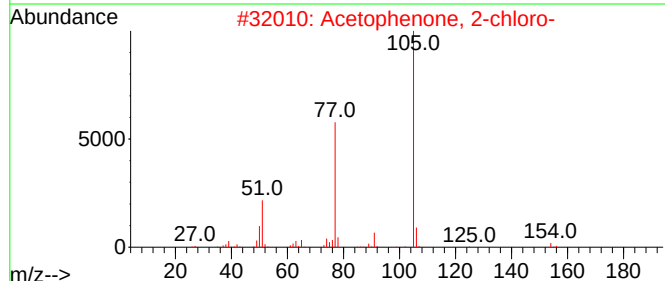
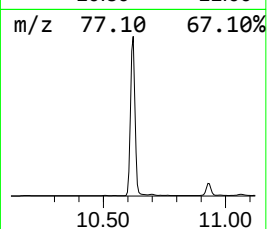
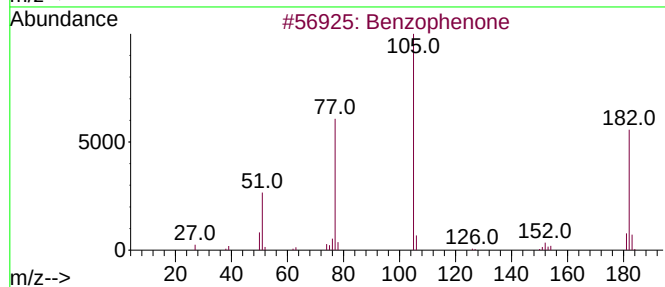
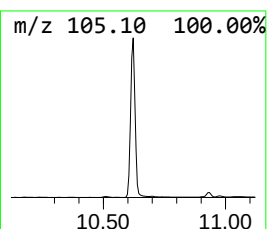
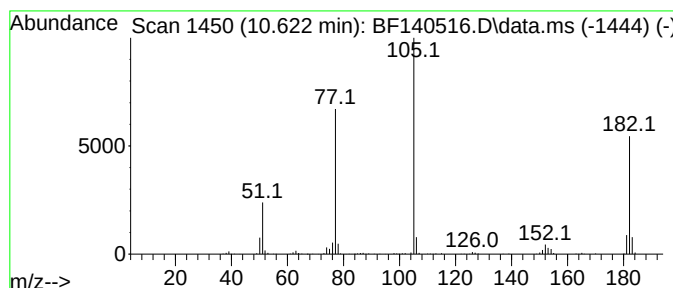
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TIC Library : C:\Database\NIST20.L
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Peak Number 3 Benzophenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.622	17.40 ng	542625	Acenaphthene-d10	9.910

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	96
2			Acetophenone, 2-chloro-	154	C8H7ClO	000532-27-4	49
3			Vinyl benzoate	148	C9H8O2	000769-78-8	47
4			N-Methylbenzamide, N-trifluoroac...	231	C10H8F3NO2	1000446-91-5	47
5			N-Methoxy-N-methylbenzamide	165	C9H11NO2	006919-61-5	47



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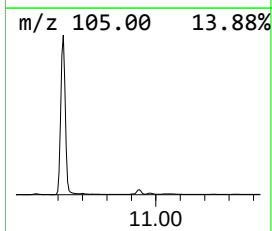
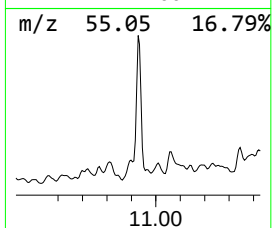
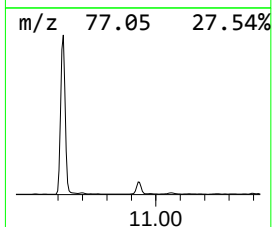
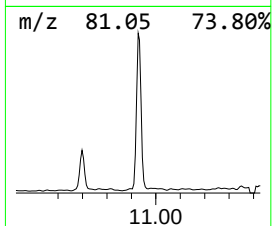
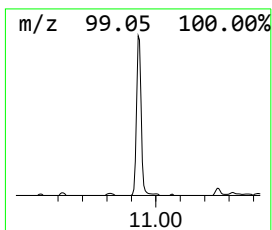
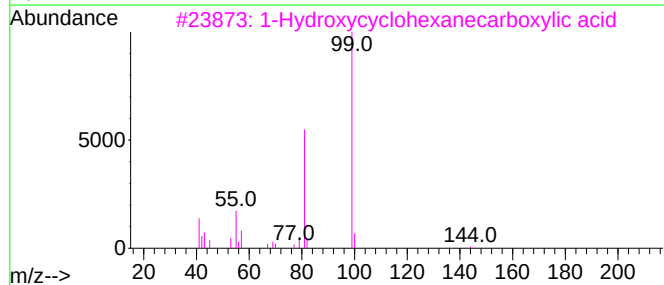
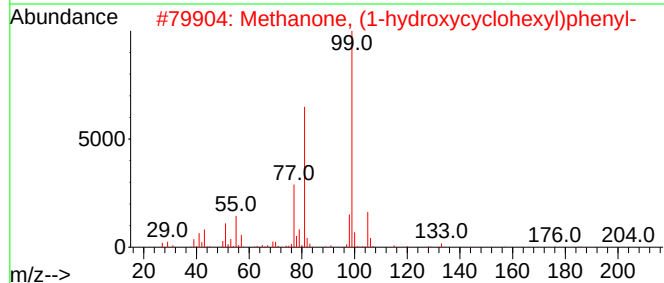
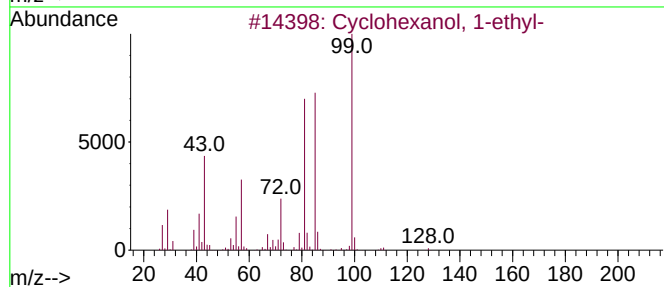
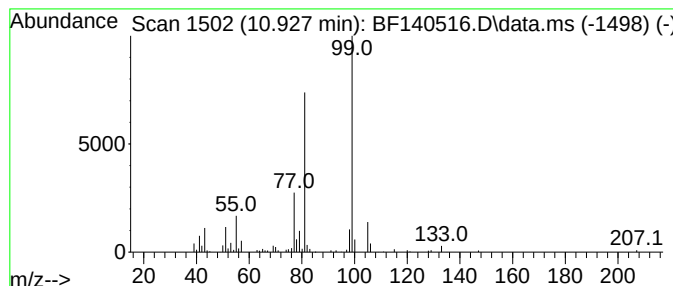
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Peak Number 4 Cyclohexanol, 1-ethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.928	2.94 ng	110902	Phenanthrene-d10	11.398

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexanol, 1-ethyl-	128	C8H16O	001940-18-7	59
2			Methanone, (1-hydroxycyclohexyl)...	204	C13H16O2	000947-19-3	58
3			1-Hydroxycyclohexanecarboxylic acid	144	C7H12O3	001123-28-0	38
4			1,1'-Bicyclohexyl-1,1'-diol	198	C12H22O2	002888-11-1	38
5			3,5-Diamino-1,2,4-triazole	99	C2H5N5	001455-77-2	12



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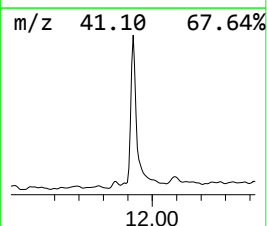
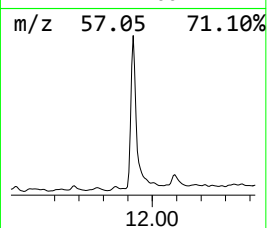
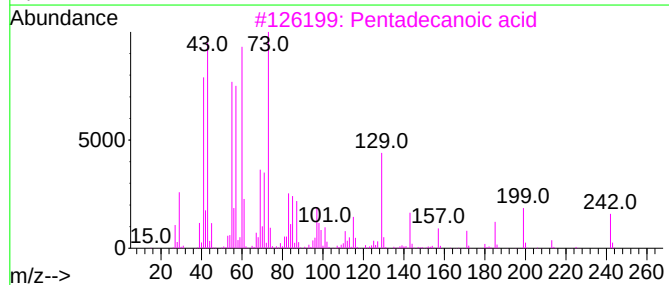
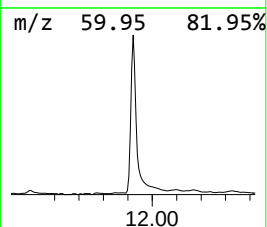
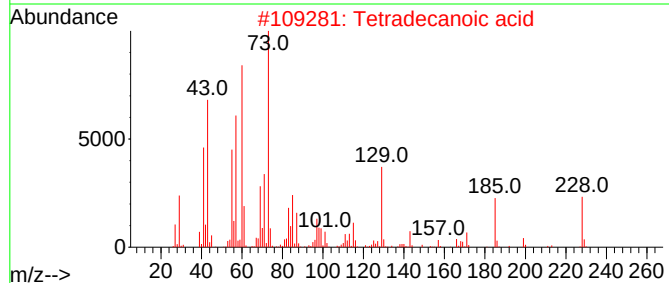
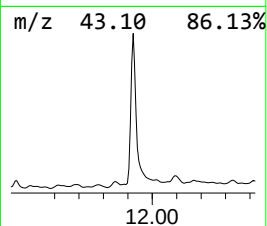
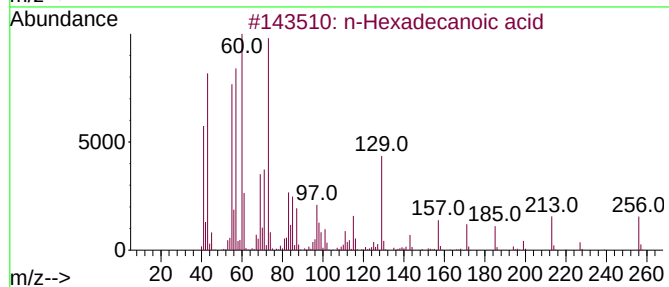
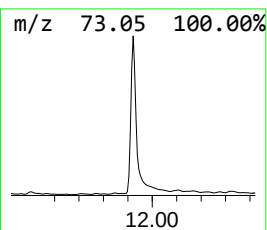
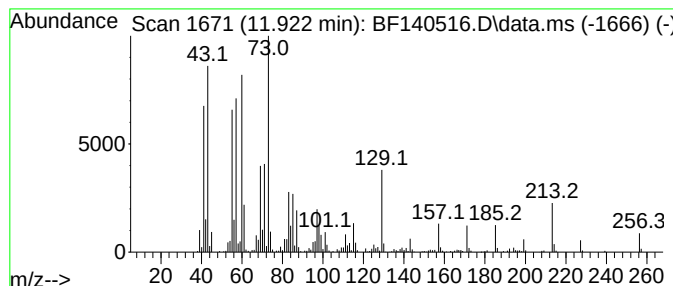
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TIC Library : C:\Database\NIST20.L
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Peak Number 5 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.922	16.92 ng	637731	Phenanthrene-d10	11.398

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2			Tetradecanoic acid	228	C14H28O2	000544-63-8	94
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	93
4			Tridecanoic acid	214	C13H26O2	000638-53-9	93
5			n-Decanoic acid	172	C10H20O2	000334-48-5	76



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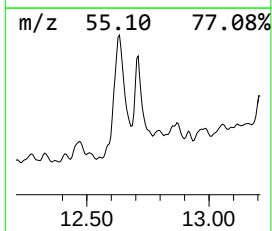
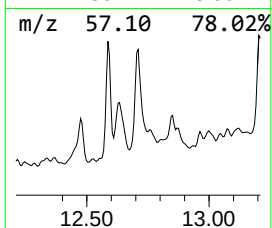
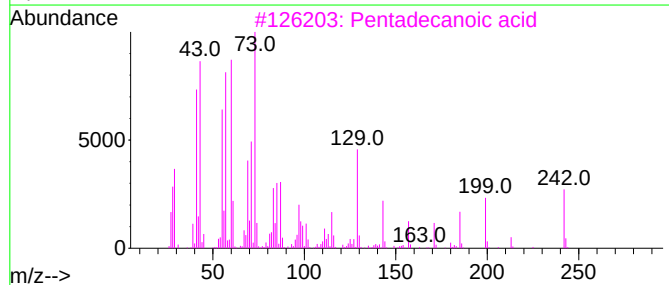
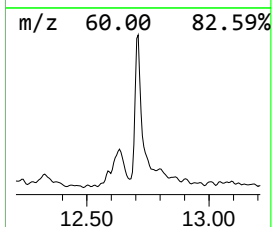
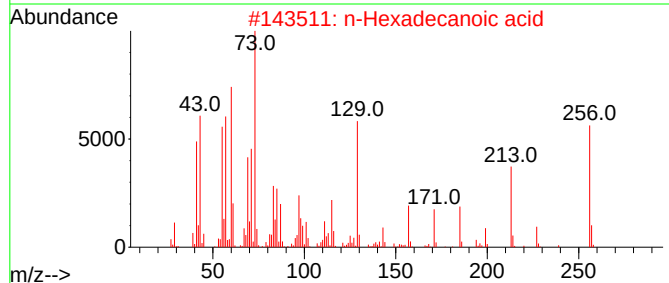
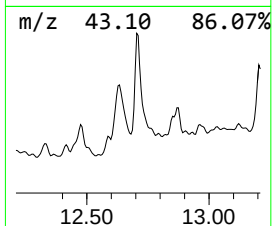
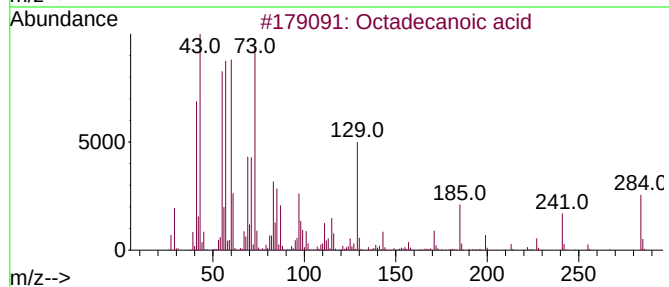
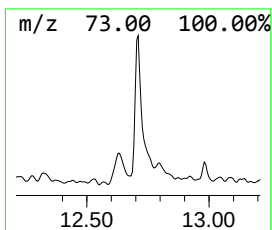
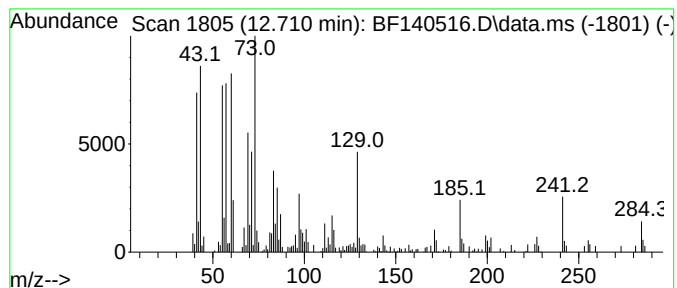
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Octadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.710	3.48 ng	131107	Phenanthrene-d10	11.398

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	99
2			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	83
5			n-Decanoic acid	172	C10H20O2	000334-48-5	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112024\
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Acq On : 20 Nov 2024 22:40
Operator : RC/JU
Sample : P4822-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

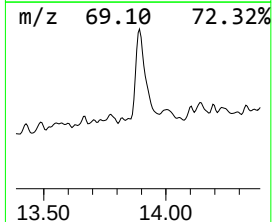
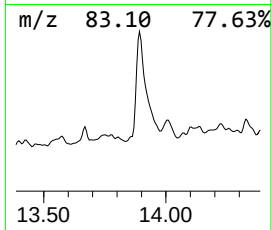
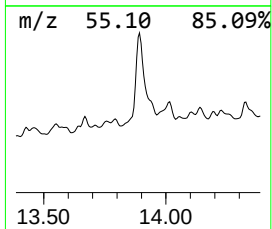
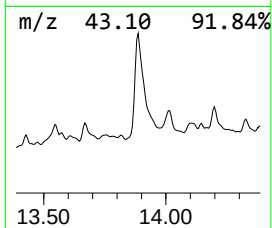
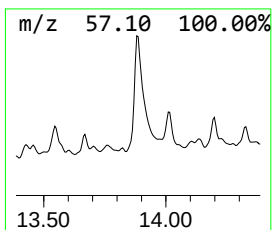
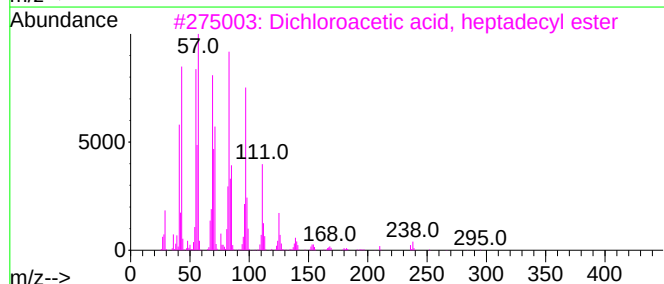
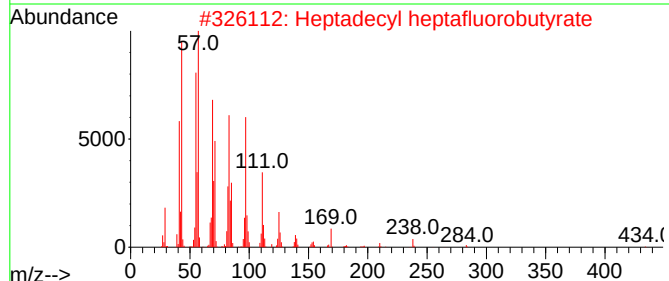
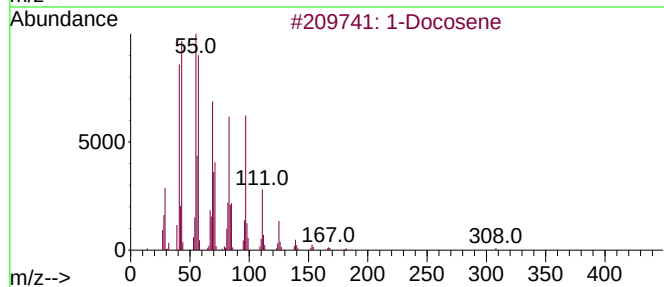
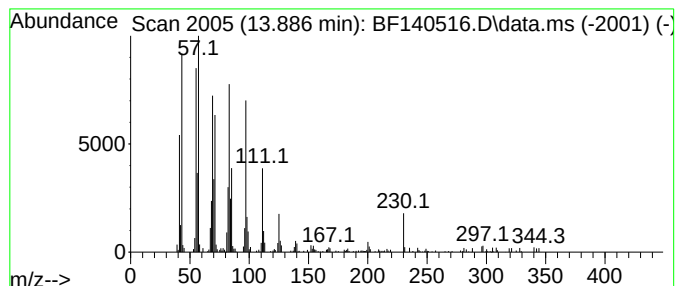
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 1-Docosene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.886	7.08 ng	231509	Chrysene-d12	14.045	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	93
2	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	93
3	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	91
4	Eicosyl pentafluoropropionate	444	C23H41F5O2	1000351-80-8	91
5	Tetracosyl pentafluoropropionate	500	C27H49F5O2	1000351-81-3	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112024\
Data File : BF140516.D
Acq On : 20 Nov 2024 22:40
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Sample : P4822-06
Misc :
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Instrument :
BNA_F
ClientSampleId :
SOIL-3

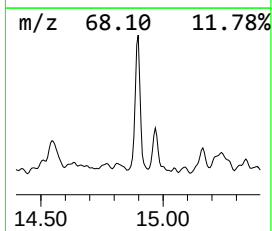
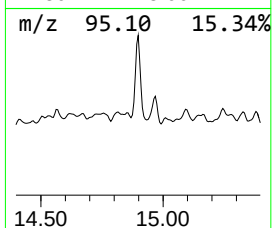
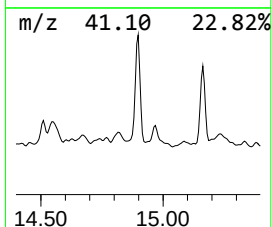
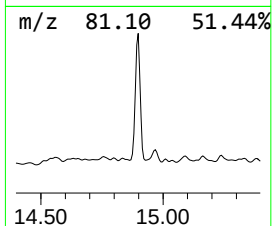
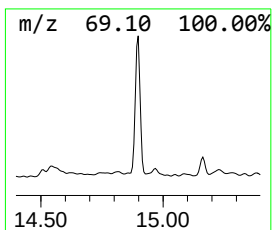
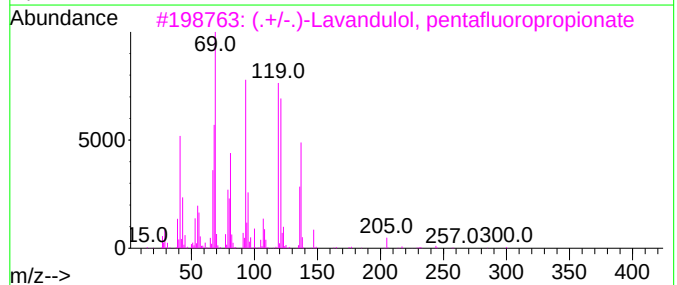
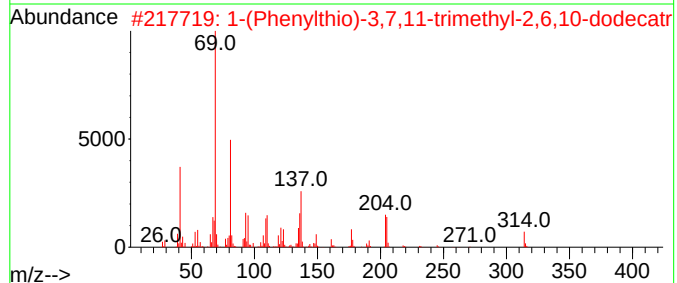
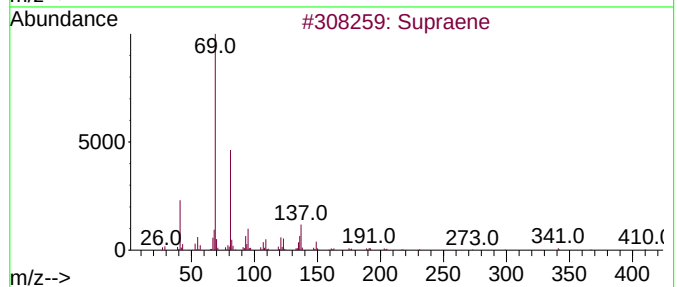
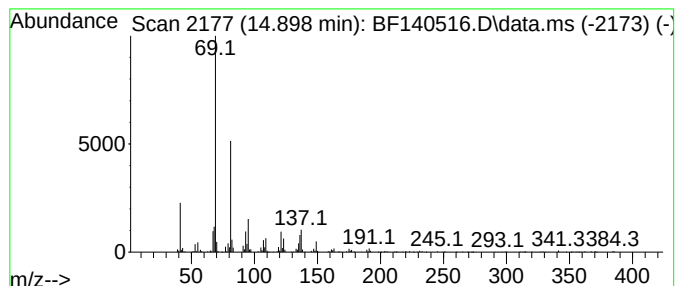
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Supraene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.898	9.92 ng	244003	Perylene-d12	15.539

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Supraene	410	C30H50	007683-64-9	91
2			1-(Phenylthio)-3,7,11-trimethyl-...	314	C21H30S	028413-57-2	78
3			(.+/-)-Lavandulol, pentafluorop...	300	C13H17F5O2	1000352-63-1	72
4			4,8,12-Tetradecatrienal, 5,9,13-...	248	C17H28O	066408-55-7	64
5			1,5-Heptadiene, 3,3,6-trimethyl-	138	C10H18	035387-63-4	52



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112024\
Data File : BF140516.D
Acq On : 20 Nov 2024 22:40
Operator : RC/JU
Sample : P4822-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SOIL-3

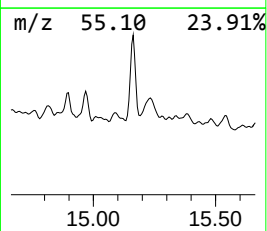
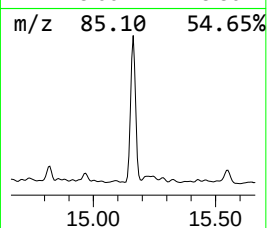
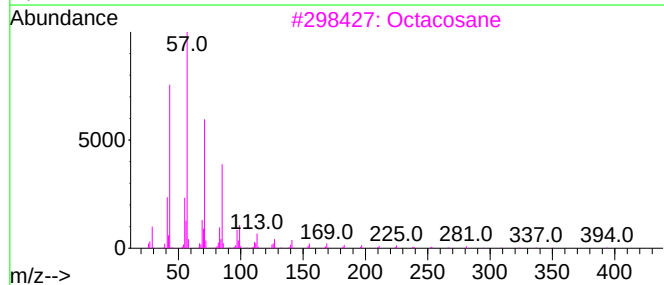
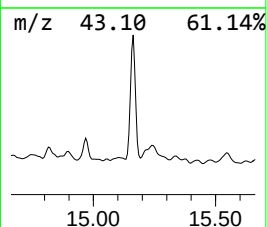
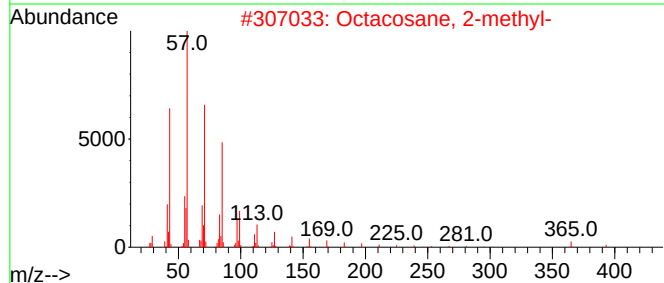
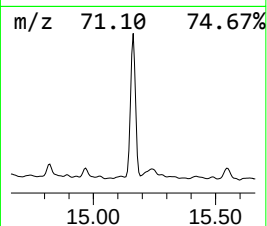
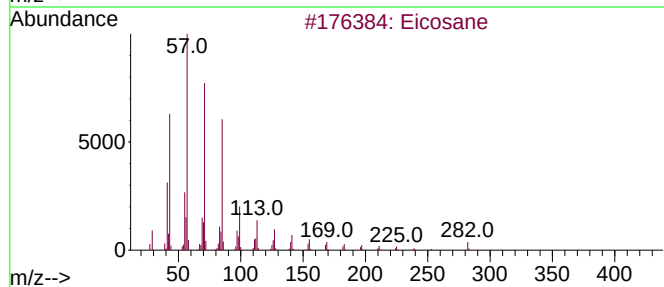
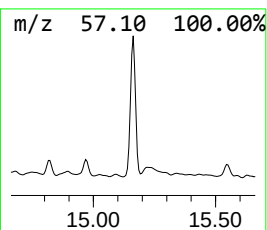
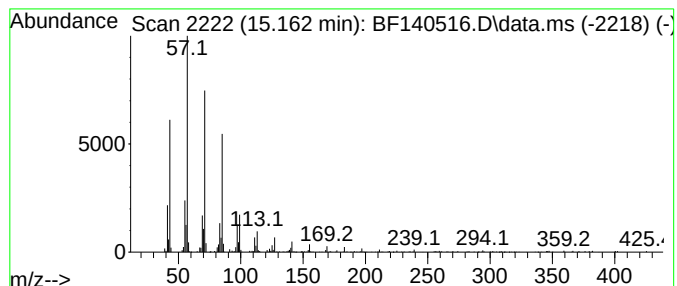
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Eicosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.163	11.61 ng	285463	Perylene-d12	15.539

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Eicosane	282	C20H42	000112-95-8	94
2			Octacosane, 2-methyl-	408	C29H60	001560-98-1	91
3			Octacosane	394	C28H58	000630-02-4	91
4			Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5			Heneicosane	296	C21H44	000629-94-7	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112024\
Data File : BF140516.D
Acq On : 20 Nov 2024 22:40
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Sample : P4822-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SOIL-3

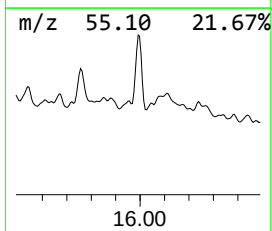
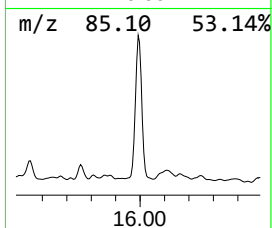
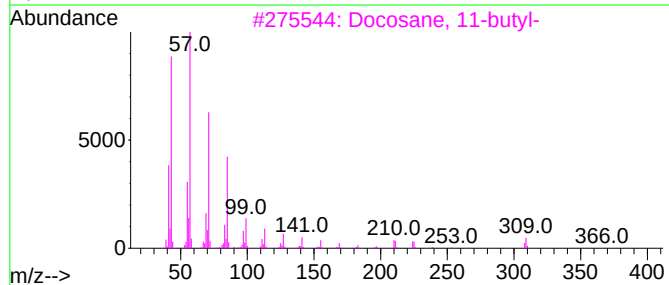
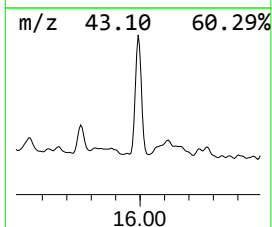
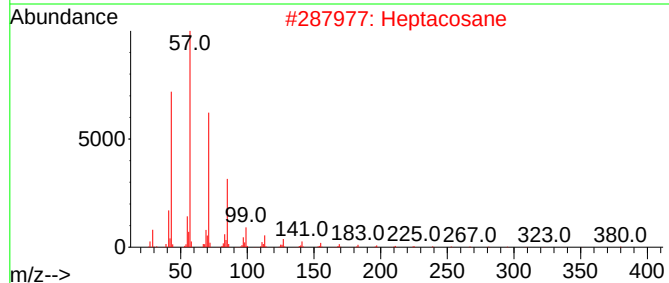
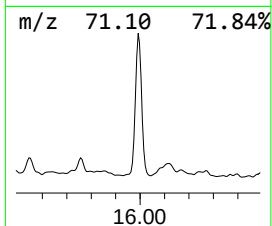
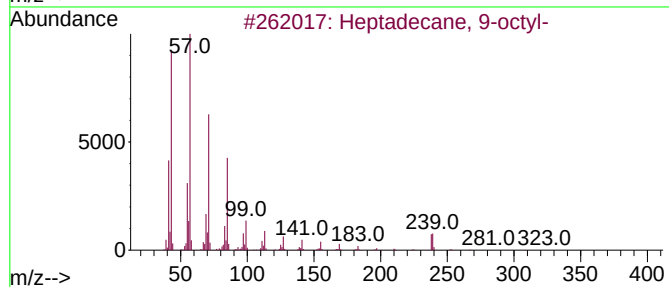
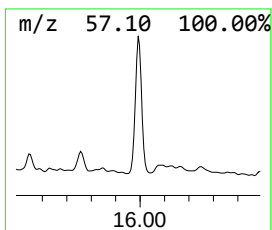
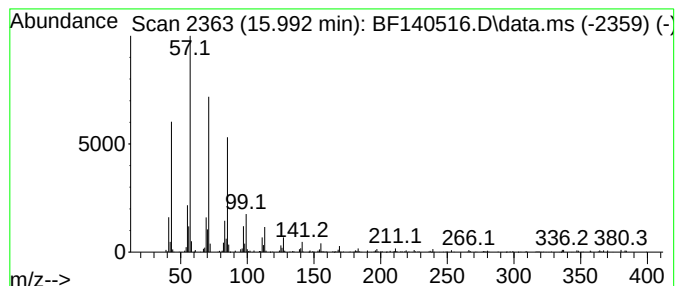
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Heptadecane, 9-octyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.992	9.66 ng	237702	Perylene-d12	15.539

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	95
2		Heptacosane	380	C27H56	000593-49-7	95
3		Docosane, 11-butyl-	366	C26H54	013475-76-8	95
4		Octacosane	394	C28H58	000630-02-4	91
5		Docosane, 5-butyl-	366	C26H54	055282-16-1	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112024\
Data File : BF140516.D
Acq On : 20 Nov 2024 22:40
Operator : RC/JU
Sample : P4822-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SOIL-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.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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2-Pentanone, 4-...	5.098	2.3	ng	66121	1	6.875	586929	20.0
Benzophenone	10.622	17.4	ng	542625	3	9.910	623725	20.0
Cyclohexanol, 1...	10.928	2.9	ng	110902	4	11.398	753748	20.0
n-Hexadecanoic ...	11.922	16.9	ng	637731	4	11.398	753748	20.0
Octadecanoic acid	12.710	3.5	ng	131107	4	11.398	753748	20.0
1-Docosene	13.886	7.1	ng	231509	5	14.045	653676	20.0
Supraene	14.898	9.9	ng	244003	6	15.539	491886	20.0
Eicosane	15.163	11.6	ng	285463	6	15.539	491886	20.0
Heptadecane, 9-...	15.992	9.7	ng	237702	6	15.539	491886	20.0