LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112024\
Data File : BF140519.D
Acq On : 20 Nov 2024 23:58
Operator : RC/JU
Sample : P4822-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SOIL-2

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: BF140519.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.140	3	8	22	rVB	673934	1062896	73.57%	9.511%
2	5.093	505	510	516	rVB	18365	25258	1.75%	0.226%
3	5.504	575	580	595	rBV	869266	1153226	79.83%	10.319%
4	6.510	746	751	775	rBV	820276	1118021	77.39%	10.004%
5	6.875	808	813	818	rBV	344487	415940	28.79%	3.722%
6	7.434	902	908	918	rBV	523864	670544	46.41%	6.000%
7	7.687	946	951	959	rVB	11521	16600	1.15%	0.149%
8	8.151	1025	1030	1051	rVB	329236	447880	31.00%	4.008%
9	9.228	1207	1213	1223	rBV	924544	1193354	82.60%	10.678%
10	9.910	1324	1329	1341	rBV	356518	461836	31.97%	4.133%
11	10.622	1445	1450	1458	rBV	237073	299458	20.73%	2.680%
12	10.698	1458	1463	1473	rBV	545984	731414	50.63%	6.545%
13	10.933	1499	1503	1509	rVB	43783	55456	3.84%	0.496%
14	11.398	1577	1582	1593	rVV	413362	566653	39.22%	5.071%
15	11.922	1663	1671	1684	rVV	177424	325977	22.56%	2.917%
16	12.092	1696	1700	1706	rBV6	13052	23459	1.62%	0.210%
17	12.422	1752	1756	1759	rVB	14751	18972	1.31%	0.170%
18	12.616	1786	1789	1800	rVB	57423	104450	7.23%	0.935%
19	12.710	1801	1805	1818	rVV4	27842	52448	3.63%	0.469%
20	12.845	1823	1828	1836	rBV	47204	77325	5.35%	0.692%
21	12.986	1846	1852	1860	rBV	1097779	1444680	100.00%	12.927%
22	13.886	2002	2005	2016	rVB3	38039	83362	5.77%	0.746%
23	14.045	2028	2032	2042	rVB	310903	430721	29.81%	3.854%
24	15.157	2218	2221	2226	rVB	74357	98524	6.82%	0.882%
25	15.533	2281	2285	2293	rVB	189975	296988	20.56%	2.658%

Sum of corrected areas: 11175442

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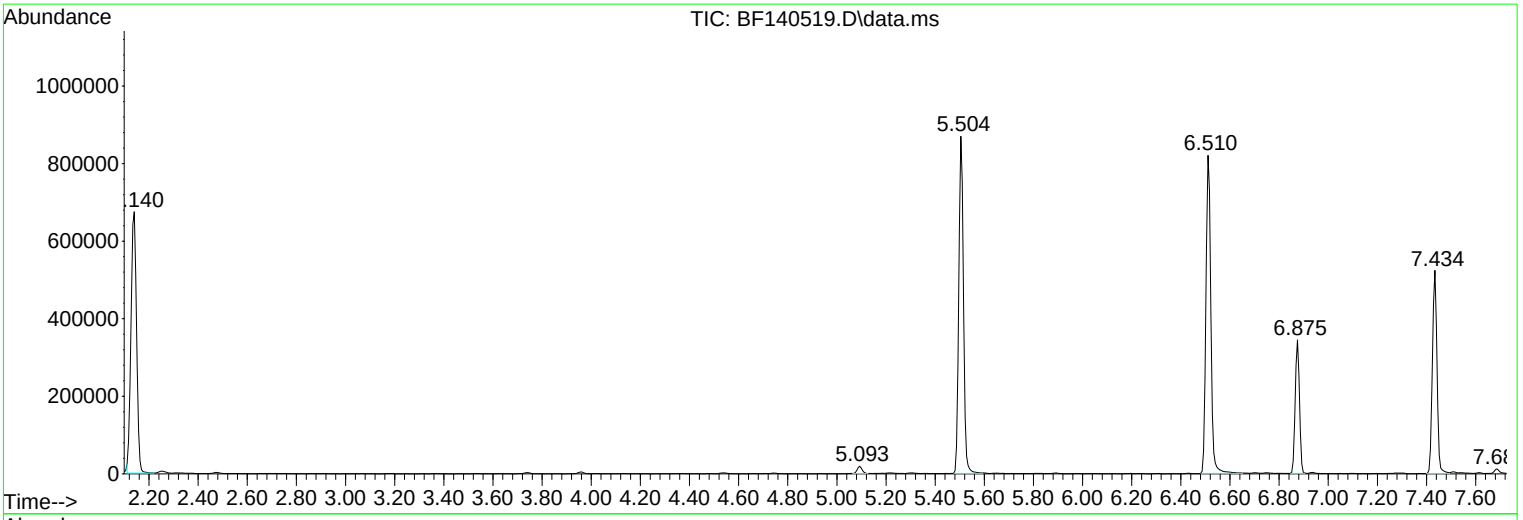
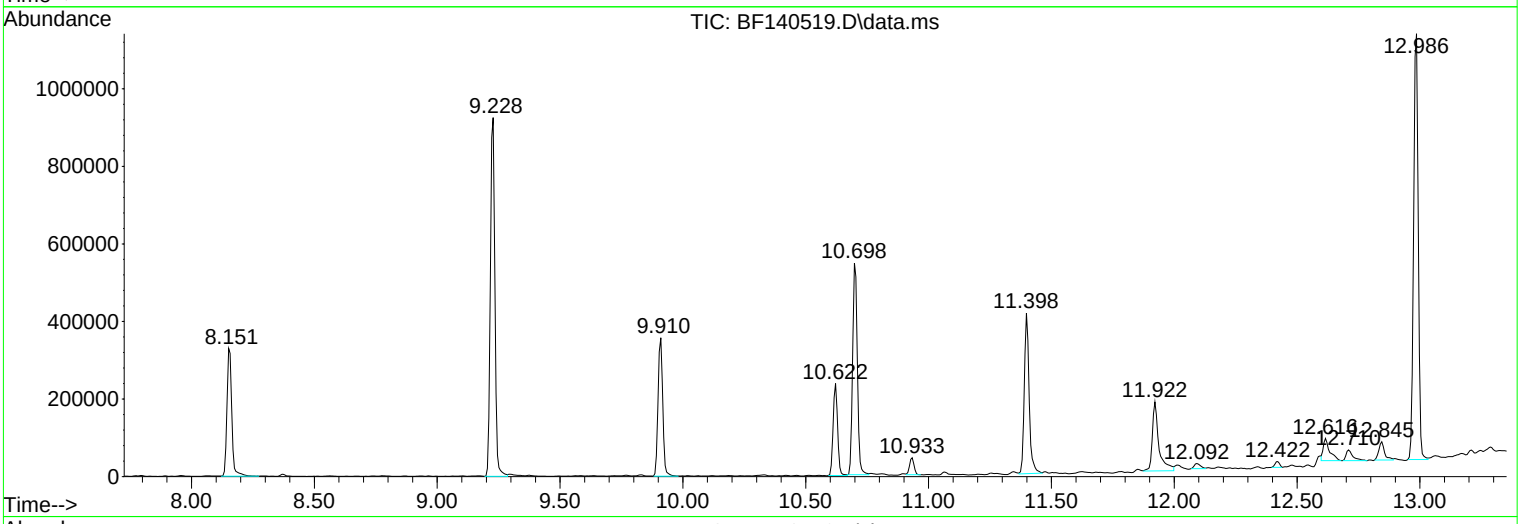
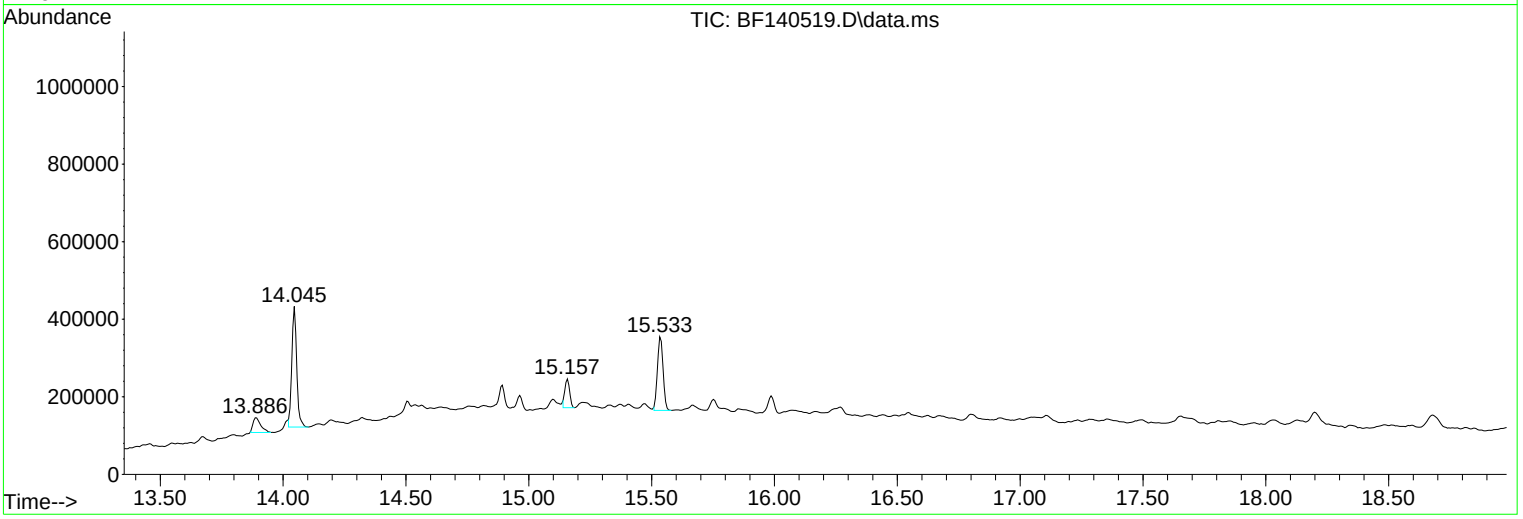
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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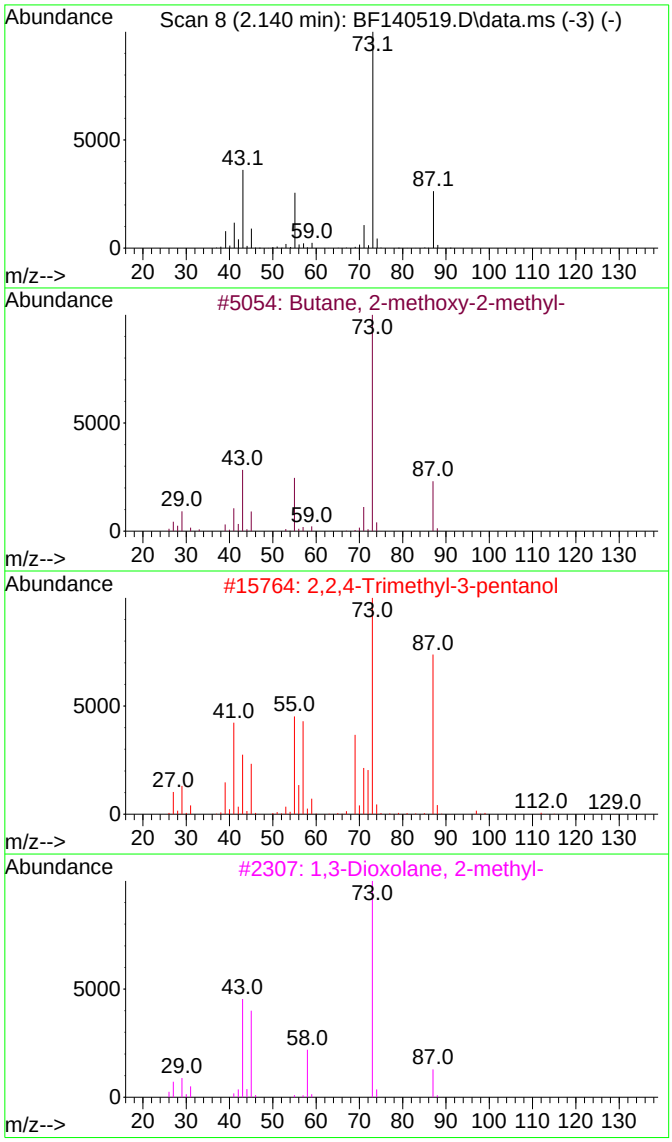
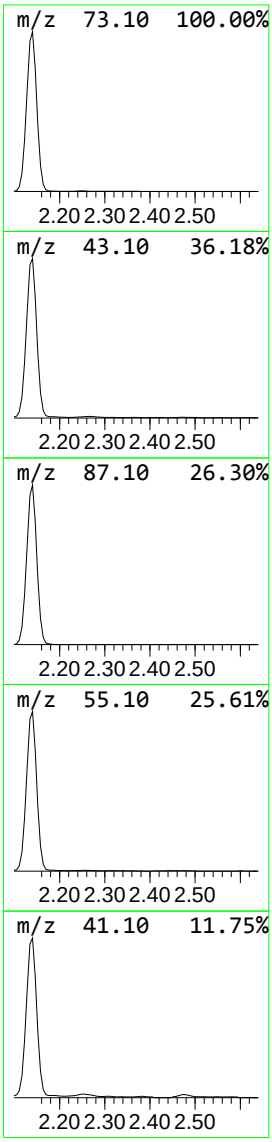
****
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.140	51.11 ng	1062900	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	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	22





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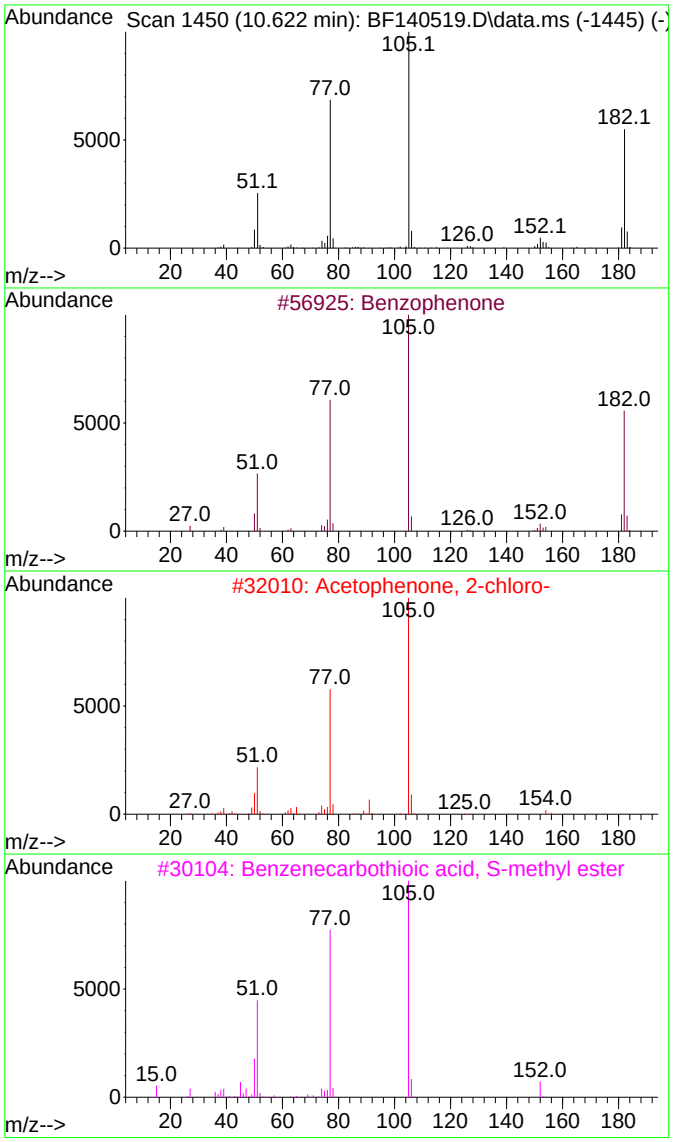
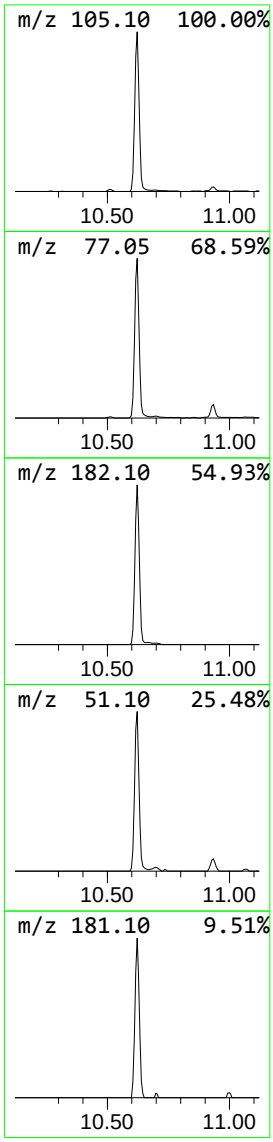
Peak Number 2 Benzophenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.622	12.97 ng	299458	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	Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	47
4	2-(2-Oxo-2-phenyl-ethyl)-malonon...	184	C11H8N2O	1000296-76-9	47
5	N-(1-Cyanovinyl)benzamide	172	C10H8N2O	1000186-19-1	47





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Misc :
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Instrument :
BNA_F
ClientSampleId :
SOIL-2

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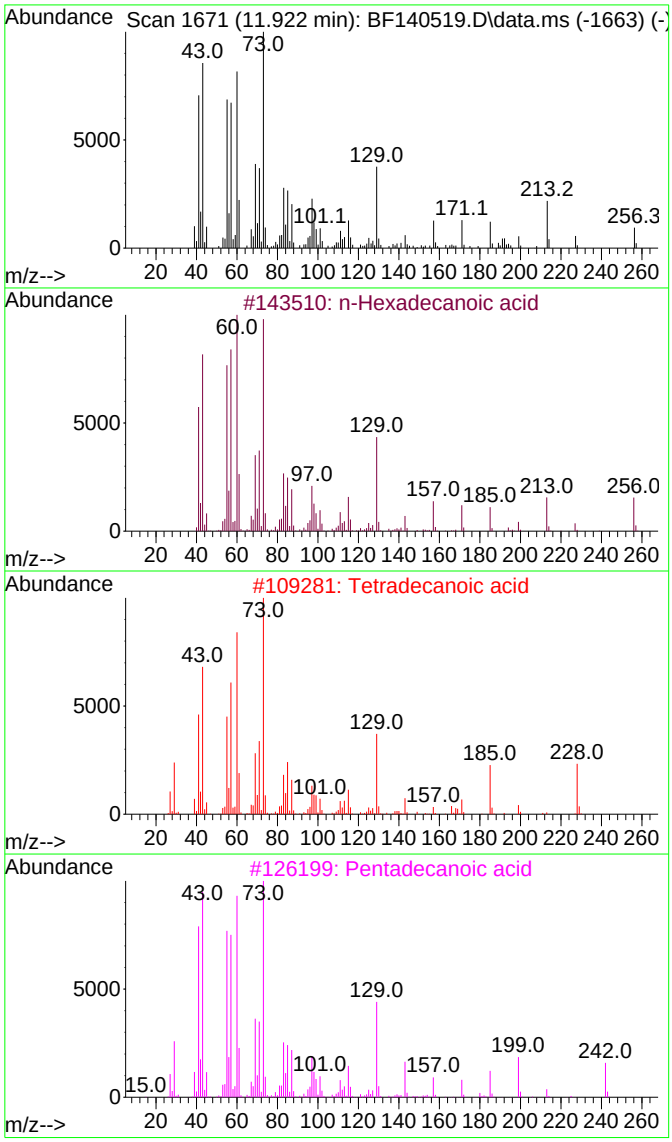
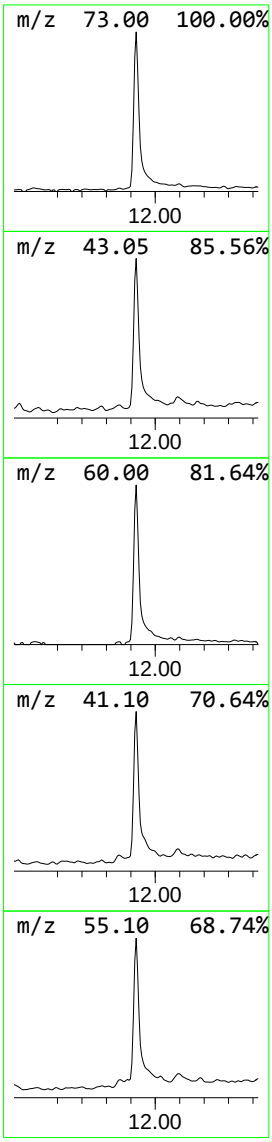
Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.922	11.51 ng	325977	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	91
4	Tridecanoic acid	214	C13H26O2	000638-53-9	81
5	n-Decanoic acid	172	C10H20O2	000334-48-5	70





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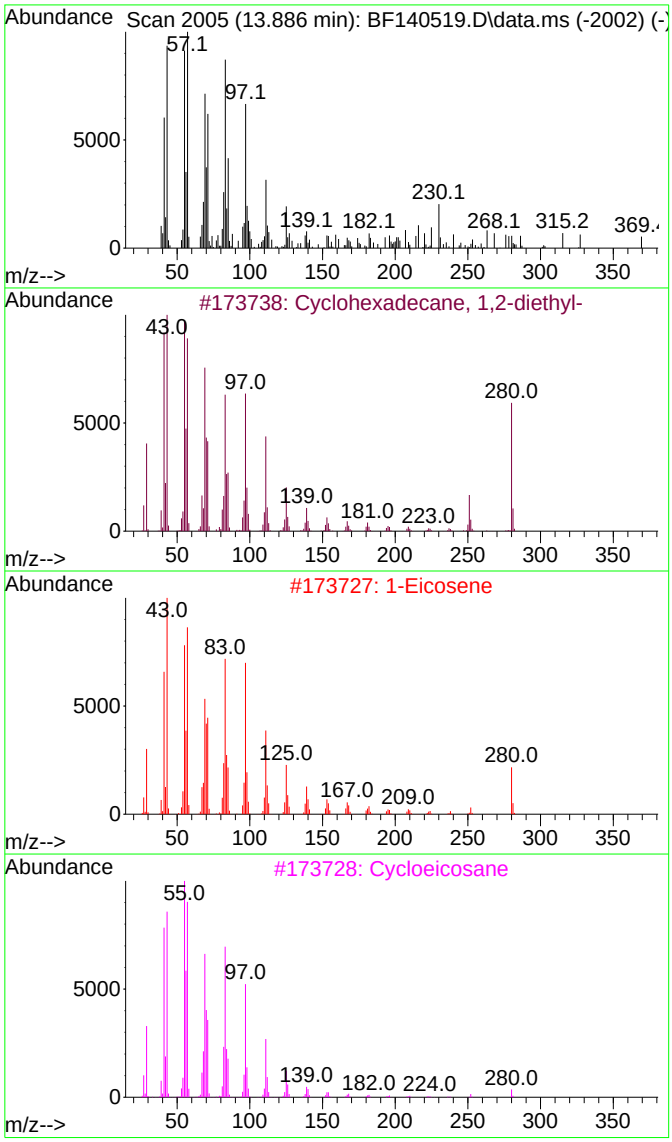
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

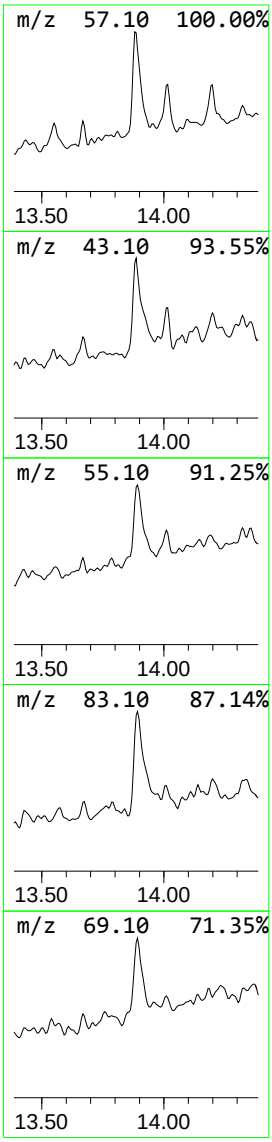
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Cyclohexadecane, 1,2-diethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.886	3.87 ng	83362	Chrysene-d12	14.045

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane, 1,2-diethyl-	280	C20H40	1000155-85-3	95
2	1-Eicosene	280	C20H40	003452-07-1	86
3	Cycloeicosane	280	C20H40	000296-56-0	81
4	1-Tricosene	322	C23H46	018835-32-0	81
5	Cyclopentane, (4-octyldodecyl)-	350	C25H50	005638-09-5	81





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ALS Vial : 20 Sample Multiplier: 1

Instrument :
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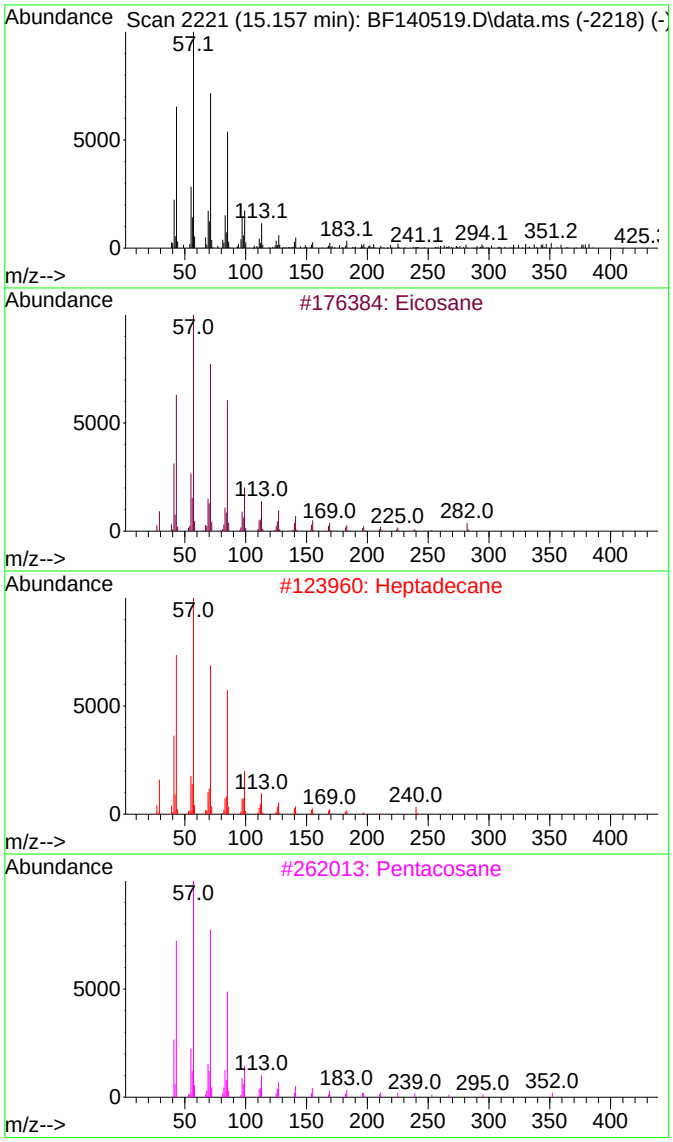
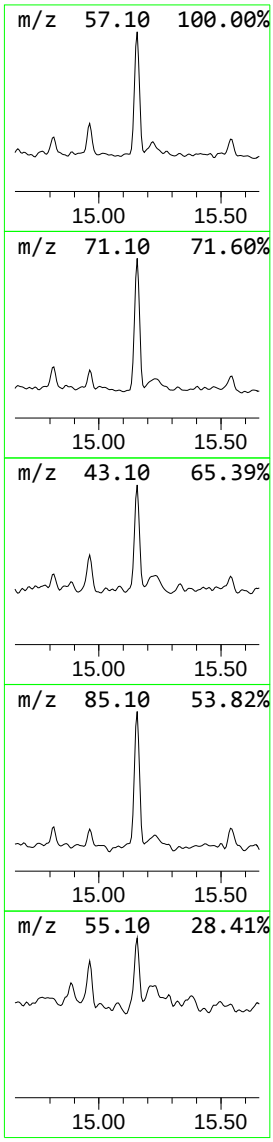
****

Peak Number 5 Eicosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.157	6.63 ng	98524	Perylene-d12	15.533

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	93
2	Heptadecane	240	C17H36	000629-78-7	93
3	Pentacosane	352	C25H52	000629-99-2	90
4	Hexacosane	366	C26H54	000630-01-3	90
5	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	87





Tentatively Identified Compound (LSC) summary

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					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-metho...	2.140	51.1	ng	1062900	1	6.875	415940	20.0
Benzophenone	10.622	13.0	ng	299458	3	9.910	461836	20.0
n-Hexadecanoic ...	11.922	11.5	ng	325977	4	11.398	566653	20.0
Cyclohexadecane...	13.886	3.9	ng	83362	5	14.045	430721	20.0
Eicosane	15.157	6.6	ng	98524	6	15.533	296988	20.0