LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112224\
Data File : BF140584.D
Acq On : 22 Nov 2024 18:09
Operator : RC/JU
Sample : P4822-04
Misc :
ALS Vial : 22 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-BF112124.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF140584.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.128	3	6	18	rVB	724068	1025705	59.17%	7.530%
2	2.240	20	25	35	rVB4	9038	22715	1.31%	0.167%
3	5.087	505	509	519	rVB	21498	33300	1.92%	0.244%
4	5.498	574	579	595	rBV	1121042	1488893	85.89%	10.931%
5	6.510	745	751	768	rBV	1124945	1554698	89.68%	11.414%
6	6.869	807	812	819	rBV	450201	550628	31.76%	4.042%
7	7.433	902	908	917	rBV	742597	988496	57.02%	7.257%
8	7.681	944	950	960	rVB	19214	28884	1.67%	0.212%
9	8.151	1025	1030	1045	rBV	539780	683594	39.43%	5.019%
10	9.222	1207	1212	1223	rBV	1350596	1733577	100.00%	12.727%
11	9.904	1323	1328	1342	rVB	514523	675304	38.95%	4.958%
12	10.622	1444	1450	1456	rBV	303807	397506	22.93%	2.918%
13	10.698	1458	1463	1474	rVV	630346	814704	47.00%	5.981%
14	10.927	1498	1502	1508	rVB	56932	73637	4.25%	0.541%
15	11.398	1577	1582	1592	rVV	448776	618847	35.70%	4.543%
16	11.921	1666	1671	1683	rVV	175772	300538	17.34%	2.206%
17	12.086	1695	1699	1705	rBV6	14760	29616	1.71%	0.217%
18	12.416	1751	1755	1759	rBV	13838	19669	1.13%	0.144%
19	12.615	1781	1789	1800	rBV	69410	182075	10.50%	1.337%
20	12.710	1801	1805	1810	rVV	24332	39795	2.30%	0.292%
21	12.845	1823	1828	1831	rBV	39359	57543	3.32%	0.422%
22	12.980	1846	1851	1860	rBV	1017540	1324176	76.38%	9.722%
23	13.874	2000	2003	2016	rVB2	78573	162512	9.37%	1.193%
24	14.045	2027	2032	2039	rVB	322561	436231	25.16%	3.203%
25	15.162	2219	2222	2225	rVB	41796	49006	2.83%	0.360%
26	15.539	2281	2286	2295	rVB	199926	329380	19.00%	2.418%

Sum of corrected areas: 13621029

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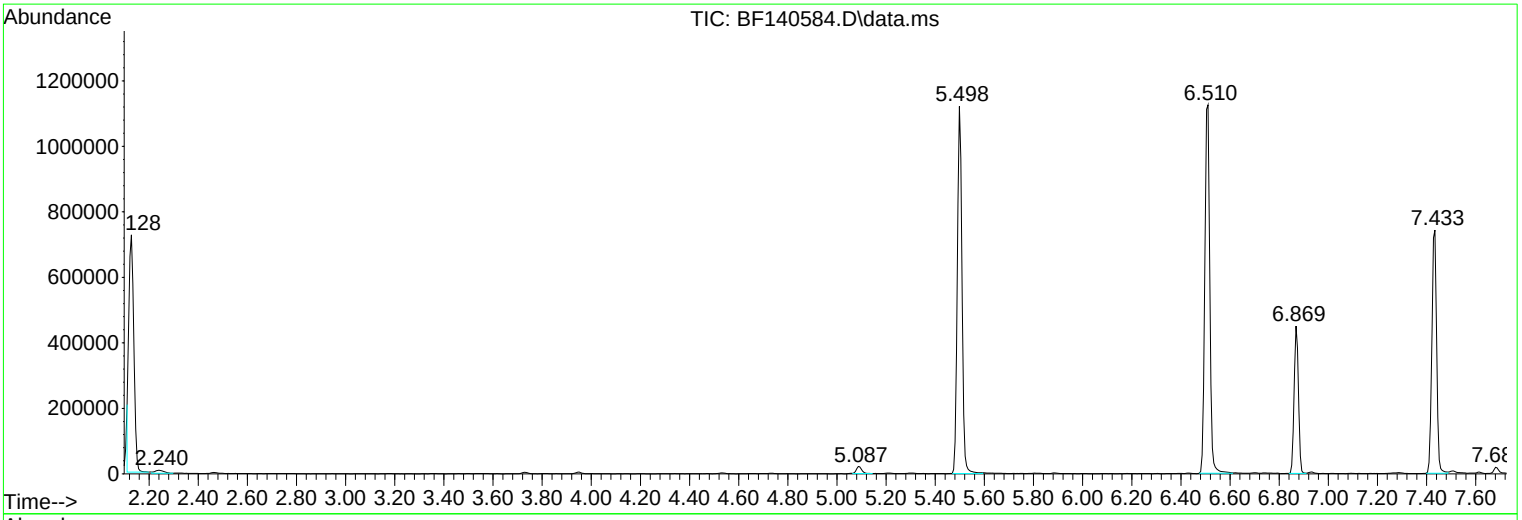
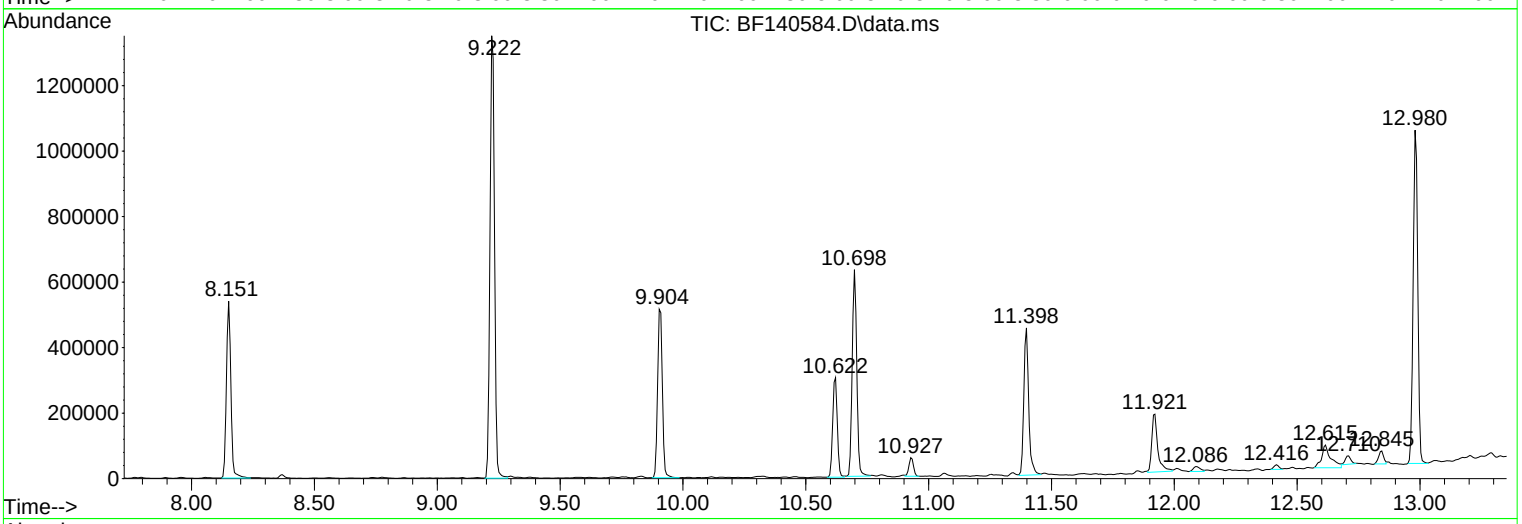
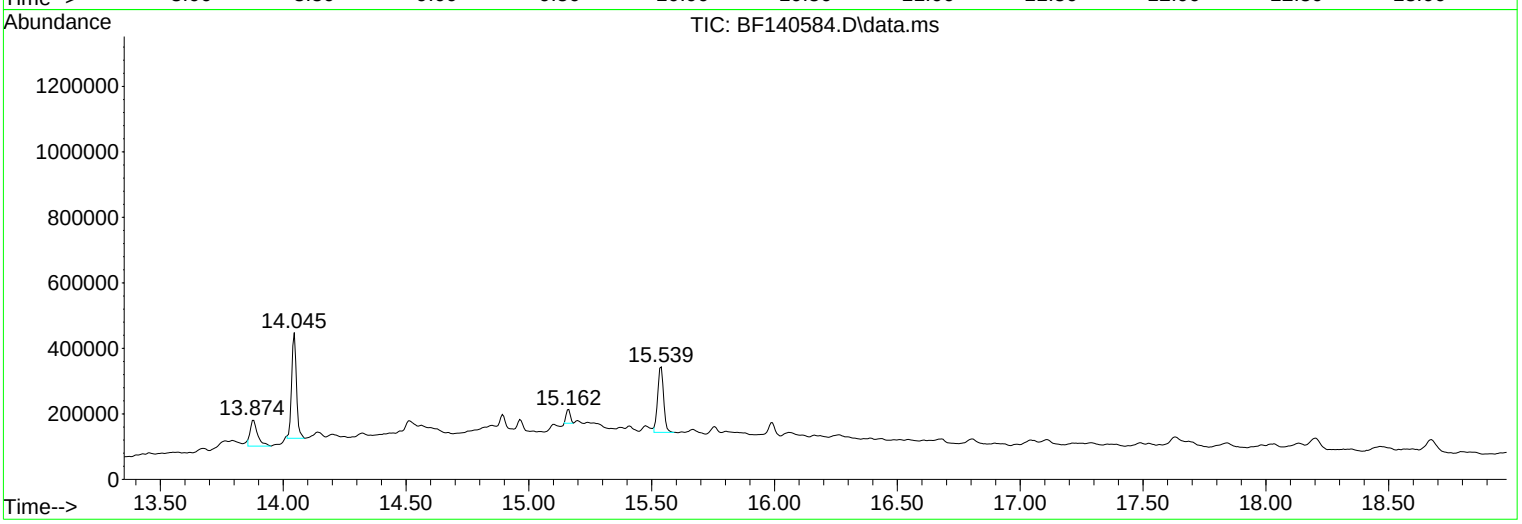
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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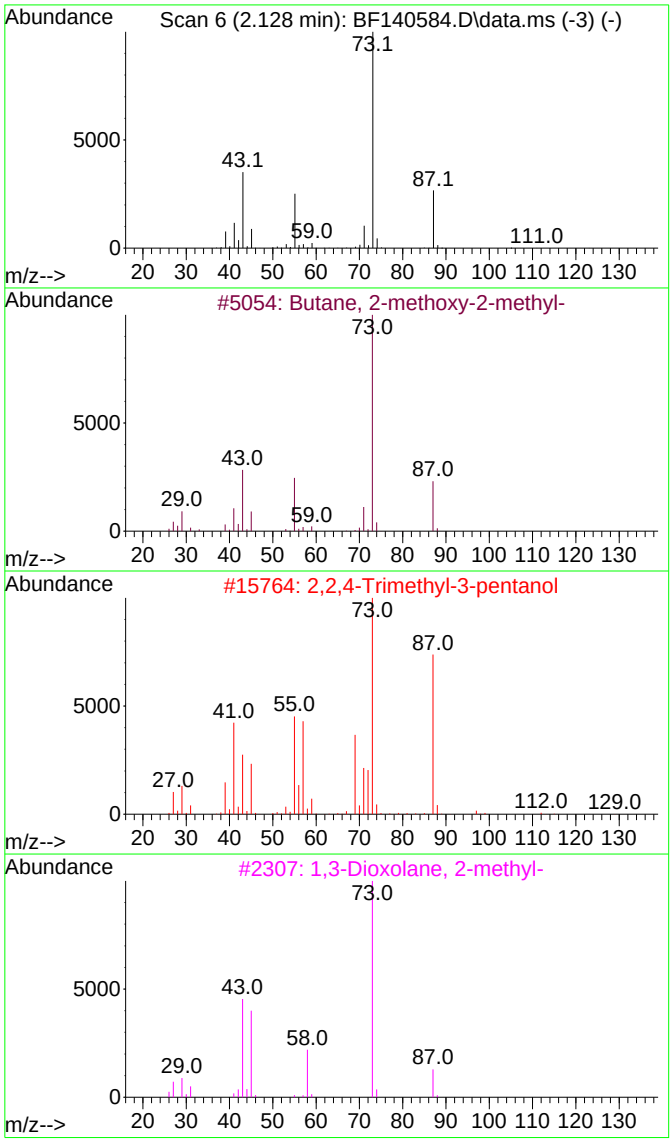
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

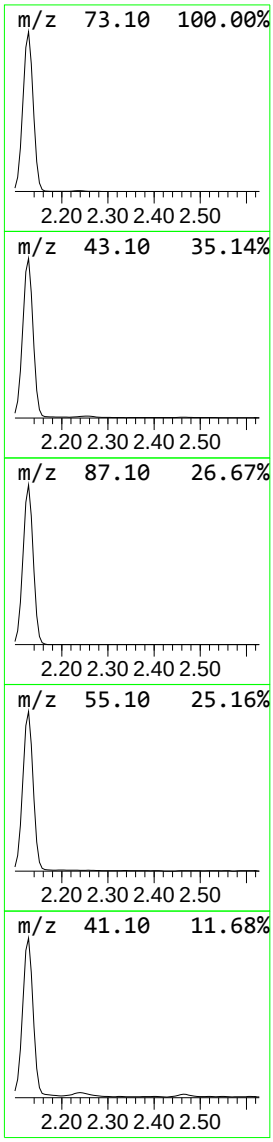
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.128	37.26 ng	1025710	1,4-Dichlorobenzene-d4	6.869

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	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17





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Sample : P4822-04
Misc :
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Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.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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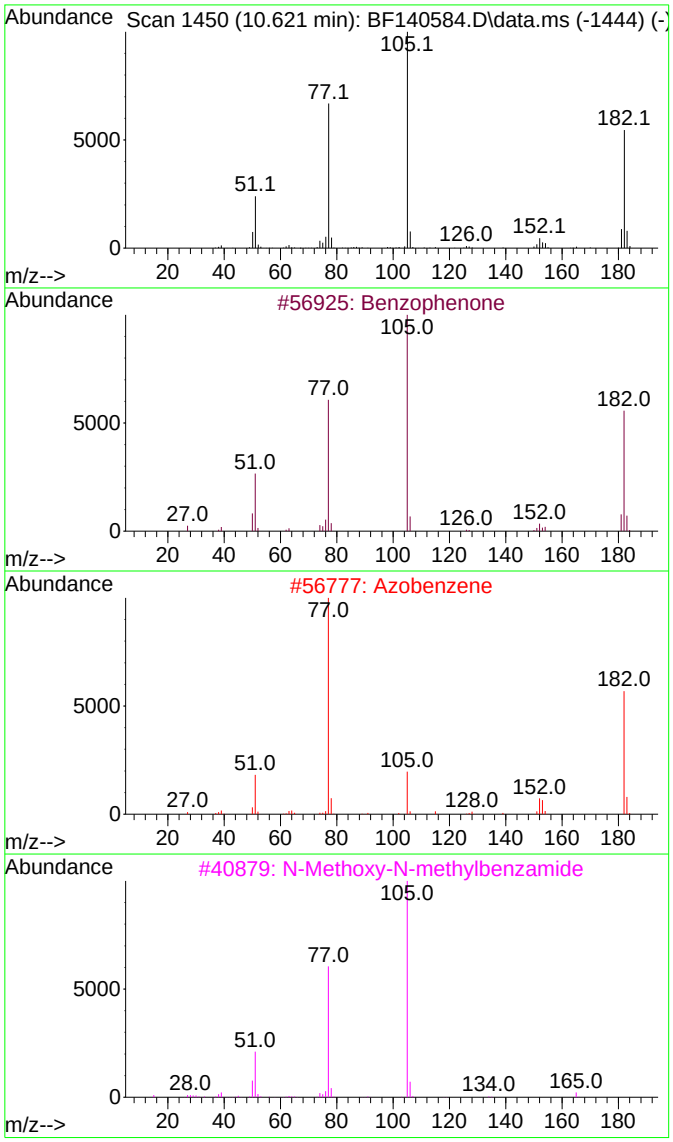
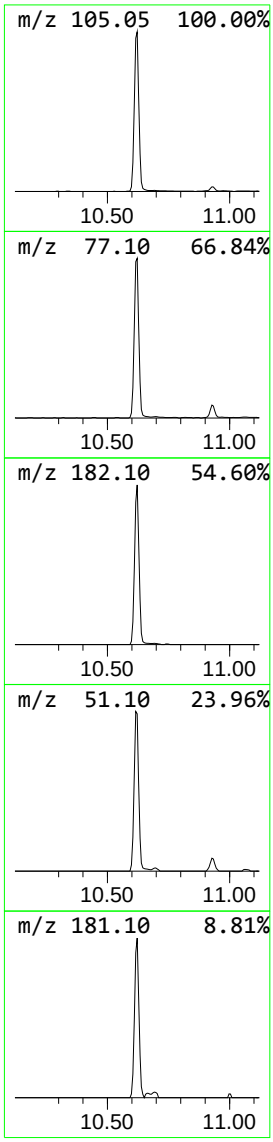
Peak Number 2 Benzophenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.621	11.77 ng	397506	Acenaphthene-d10	9.904

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Azobenzene	182	C12H10N2	000103-33-3	72
3	N-Methoxy-N-methylbenzamide	165	C9H11NO2	006919-61-5	49
4	Acetophenone, 2-chloro-	154	C8H7ClO	000532-27-4	49
5	Benzeneacetic acid, .alpha.-oxo-...	164	C9H8O3	015206-55-0	47





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Sample : P4822-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SOIL-2

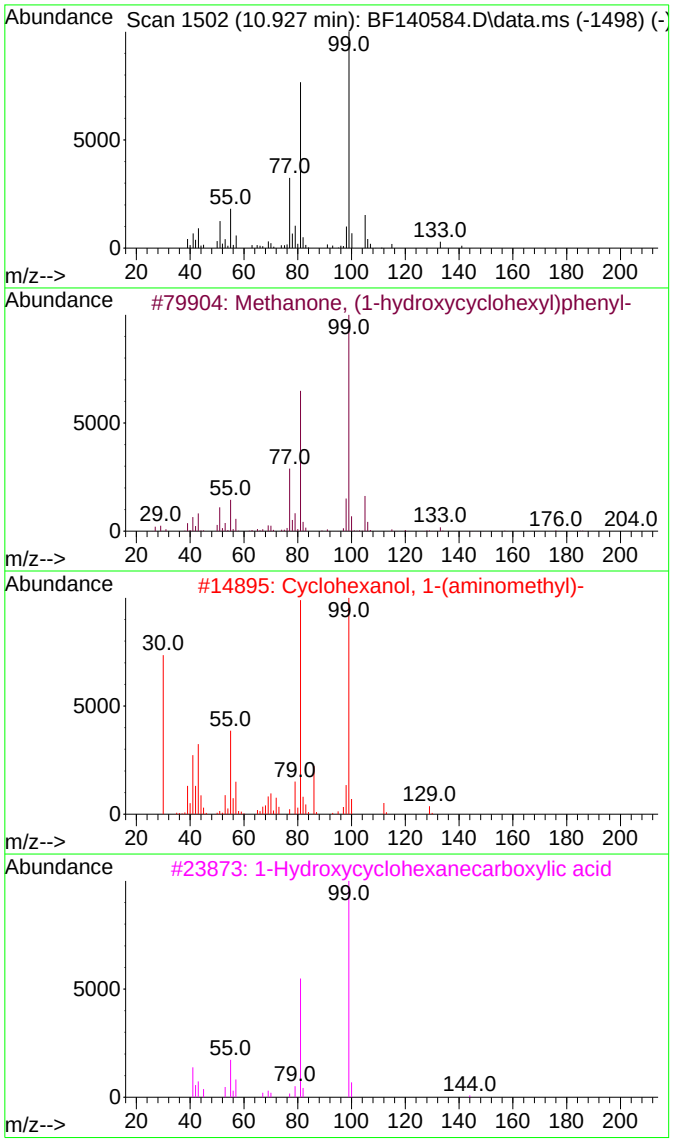
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

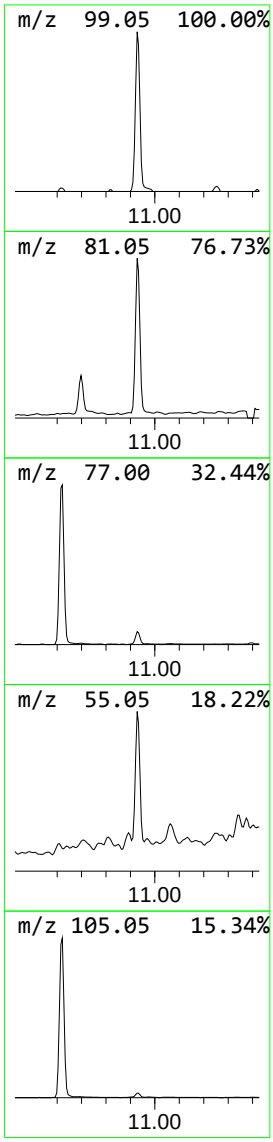
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Methanone, (1-hydroxycycloh... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.927	2.38 ng	73637	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methanone, (1-hydroxycyclohexyl)...	204	C13H16O2	000947-19-3	90
2	Cyclohexanol, 1-(aminomethyl)-	129	C7H15NO	004000-72-0	64
3	1-Hydroxycyclohexanecarboxylic acid	144	C7H12O3	001123-28-0	59
4	Cyclobutane, 1,1-dimethyl-3-meth...	96	C7H12	019037-73-1	27
5	1,1'-Bicyclohexyl-1,1'-diol	198	C12H22O2	002888-11-1	16





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Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
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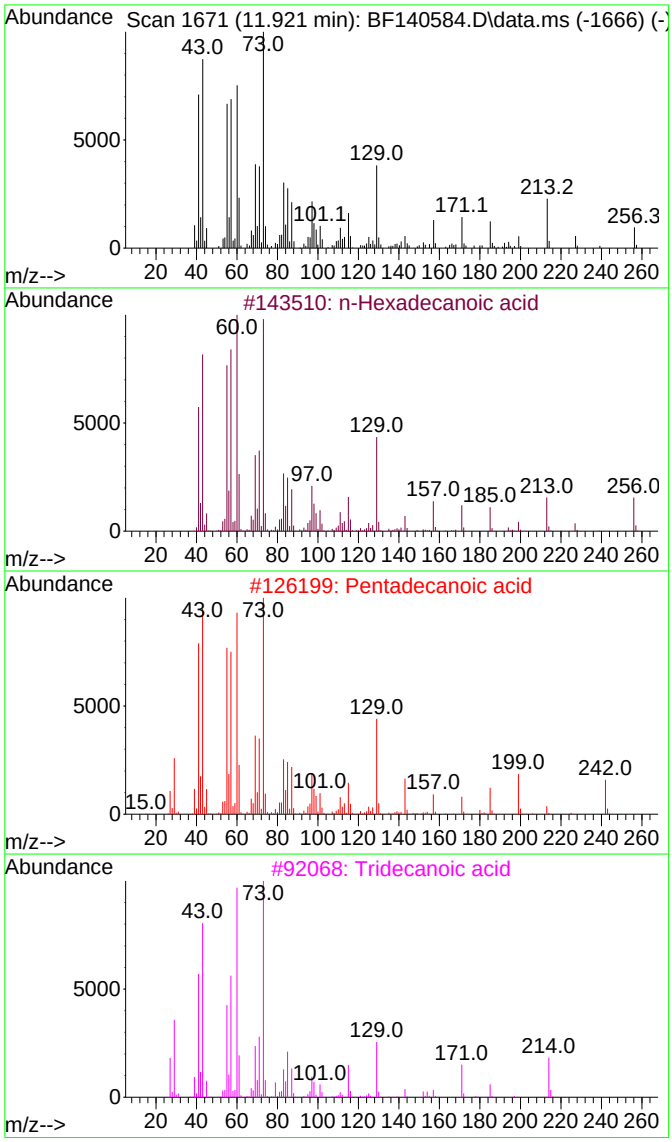
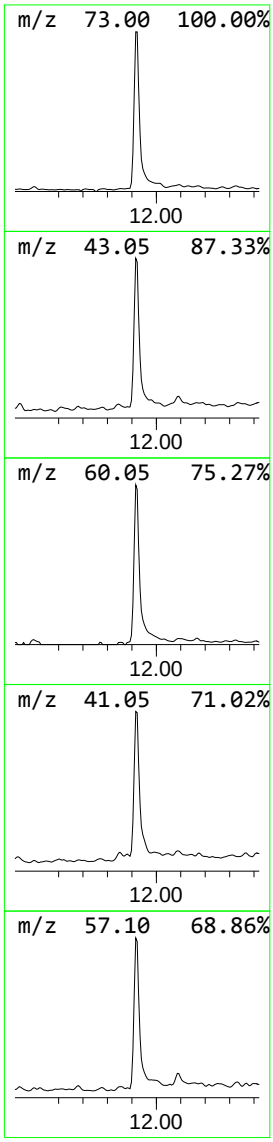
Peak Number 4 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.921	9.71 ng	300538	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
3	Tridecanoic acid	214	C13H26O2	000638-53-9	89
4	n-Decanoic acid	172	C10H20O2	000334-48-5	52
5	Octanoic acid, silver(1+) salt	250	C8H15AgO2	024927-67-1	27





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ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SOIL-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
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TIC Library : C:\Database\NIST20.L
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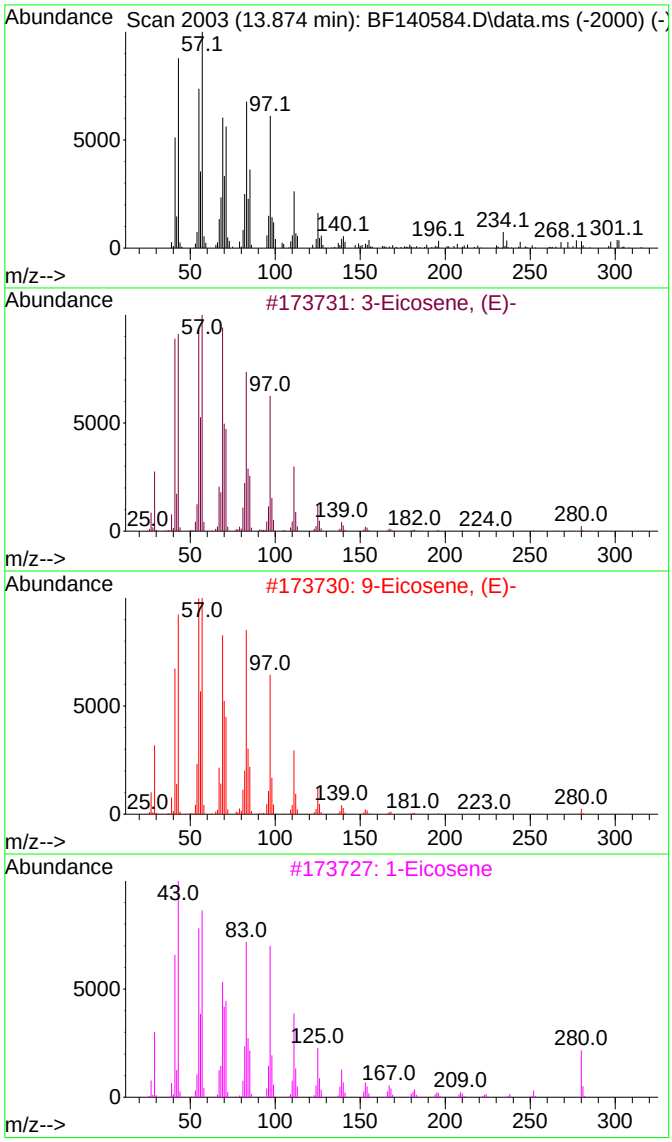
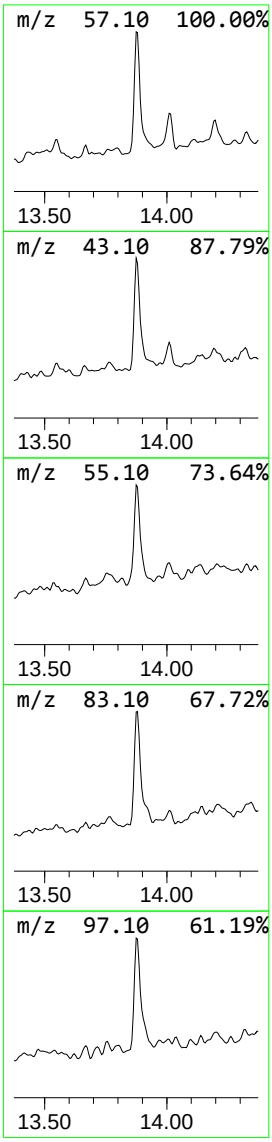
****

Peak Number 6 3-Eicosene, (E)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.874	7.45 ng	162512	Chrysene-d12	14.045

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	98
2	9-Eicosene, (E)-	280	C20H40	074685-29-3	93
3	1-Eicosene	280	C20H40	003452-07-1	93
4	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	93
5	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	90





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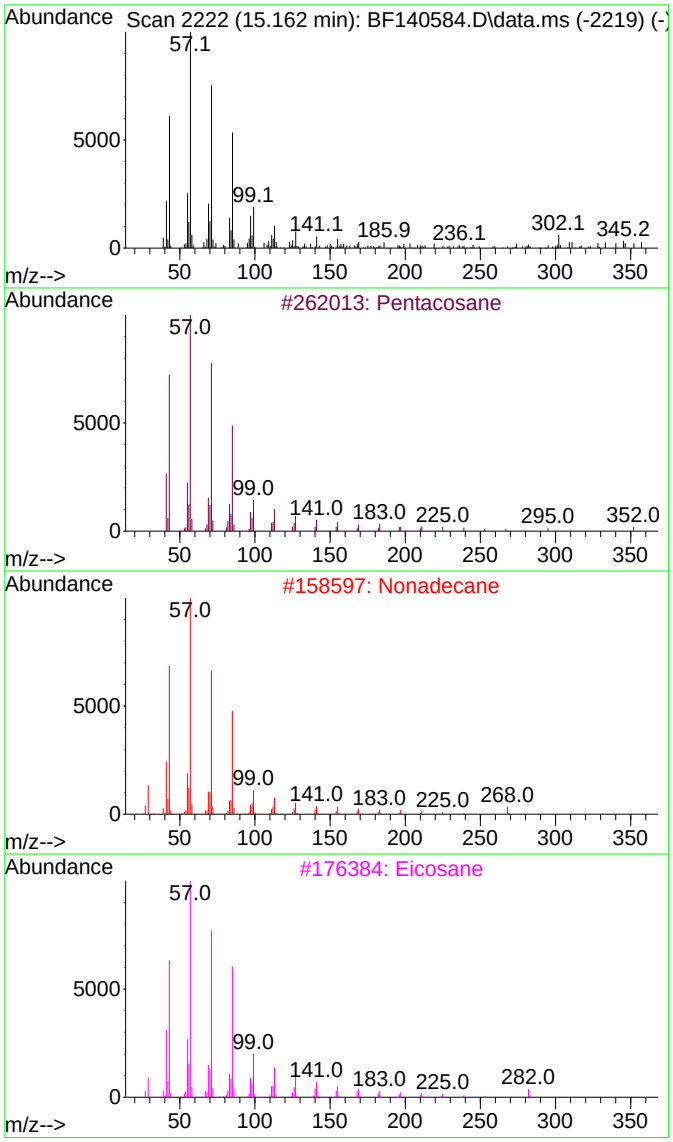
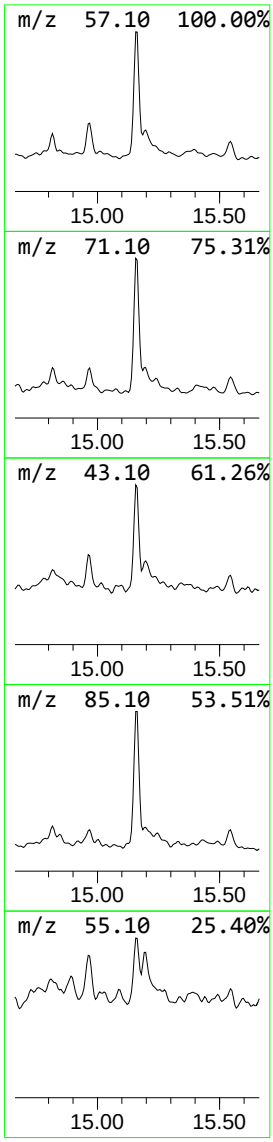
Peak Number 7 Pentacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.162	2.98 ng	49006	Perylene-d12	15.539

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentacosane	352	C25H52	000629-99-2	95
2	Nonadecane	268	C19H40	000629-92-5	93
3	Eicosane	282	C20H42	000112-95-8	93
4	Heneicosane	296	C21H44	000629-94-7	90
5	Tetracosane	338	C24H50	000646-31-1	90





Tentatively Identified Compound (LSC) summary

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-metho...	2.128	37.3	ng	1025710	1	6.869	550628	20.0
Benzophenone	10.621	11.8	ng	397506	3	9.904	675304	20.0
Methanone, (1-h...	10.927	2.4	ng	73637	4	11.398	618847	20.0
n-Hexadecanoic ...	11.921	9.7	ng	300538	4	11.398	618847	20.0
3-Eicosene, (E)-	13.874	7.5	ng	162512	5	14.045	436231	20.0
Pentacosane	15.162	3.0	ng	49006	6	15.539	329380	20.0