LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042924\
Data File : BF137757.D
Acq On : 29 Apr 2024 19:22
Operator : CG\JU
Sample : P2294-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FOOT-PRINT-A-1

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-BF042324.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF137757.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.428	53	58	64	rVB	344062	463353	8.01%	1.108%
2	3.699	271	274	283	rBV	46109	76408	1.32%	0.183%
3	5.687	606	612	615	rBV	4396620	4569296	78.99%	10.929%
4	6.669	774	779	782	rBV	4364776	4663859	80.62%	11.155%
5	7.063	842	846	849	rVB	1882271	1566000	27.07%	3.746%
6	7.622	936	941	944	rBV	3504706	2965964	51.27%	7.094%
7	8.228	1042	1044	1048	rBV	68632	61656	1.07%	0.147%
8	8.345	1060	1064	1067	rBV	2625607	2087288	36.08%	4.992%
9	8.645	1106	1115	1125	rBV	68095	83748	1.45%	0.200%
10	9.416	1242	1246	1250	rBV	6208918	5784789	100.00%	13.836%
11	10.104	1359	1363	1367	rBV	2718335	2231619	38.58%	5.338%
12	10.186	1373	1377	1384	rVB2	100967	138213	2.39%	0.331%
13	10.651	1453	1456	1462	rVB	68386	71015	1.23%	0.170%
14	10.892	1493	1497	1501	rBV	3316710	3045137	52.64%	7.283%
15	11.010	1512	1517	1523	rVB6	35811	71377	1.23%	0.171%
16	11.598	1613	1617	1620	rBV	2228523	1947960	33.67%	4.659%
17	11.622	1620	1621	1625	rVV	551214	324755	5.61%	0.777%
18	11.675	1625	1630	1633	rVV	120218	107899	1.87%	0.258%
19	11.827	1650	1656	1661	rBV3	58942	120141	2.08%	0.287%
20	12.104	1699	1703	1705	rBV	525950	437829	7.57%	1.047%
21	12.127	1705	1707	1710	rVB	135327	114345	1.98%	0.273%
22	12.216	1718	1722	1724	rBV2	144022	159388	2.76%	0.381%
23	12.357	1744	1746	1750	rBV	104747	94469	1.63%	0.226%
24	12.651	1793	1796	1798	rBV	80886	75037	1.30%	0.179%
25	12.739	1808	1811	1816	rBV2	41526	67671	1.17%	0.162%
26	12.816	1821	1824	1828	rVV	854851	690849	11.94%	1.652%
27	12.892	1833	1837	1842	rBV4	128048	151053	2.61%	0.361%
28	13.051	1857	1864	1869	rBV	679518	746891	12.91%	1.786%
29	13.186	1883	1887	1890	rBV	4858680	3988941	68.96%	9.541%
30	13.263	1896	1900	1904	rBV3	57930	95543	1.65%	0.229%
31	13.374	1916	1919	1922	rVB2	124488	104843	1.81%	0.251%
32	13.439	1928	1930	1933	rVB	95056	76527	1.32%	0.183%
33	13.480	1933	1937	1940	rBV2	91191	86331	1.49%	0.206%
34	14.080	2036	2039	2051	rVB4	126644	286981	4.96%	0.686%
35	14.251	2063	2068	2070	rBV2	1482160	1665807	28.80%	3.984%
36	14.274	2070	2072	2079	rVB	315509	284716	4.92%	0.681%

LSC Area Percent Report

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Acq On : 29 Apr 2024 19:22
Operator : CG\JU
Sample : P2294-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FOOT-PRINT-A-1

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-BF042324.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	14.392	2089	2092	2094	rBV	60982	65496	1.13%	0.157%
38	14.698	2142	2144	2147	rBV2	82751	85068	1.47%	0.203%
39	15.345	2250	2254	2258	rBV	225749	375171	6.49%	0.897%
40	15.410	2263	2265	2270	rVB4	83932	84885	1.47%	0.203%
41	15.686	2309	2312	2318	rVB	148908	190101	3.29%	0.455%
42	15.751	2319	2323	2330	rBV	185657	263407	4.55%	0.630%
43	15.821	2331	2335	2340	rBV	906738	1237510	21.39%	2.960%

Sum of corrected areas: 41809336

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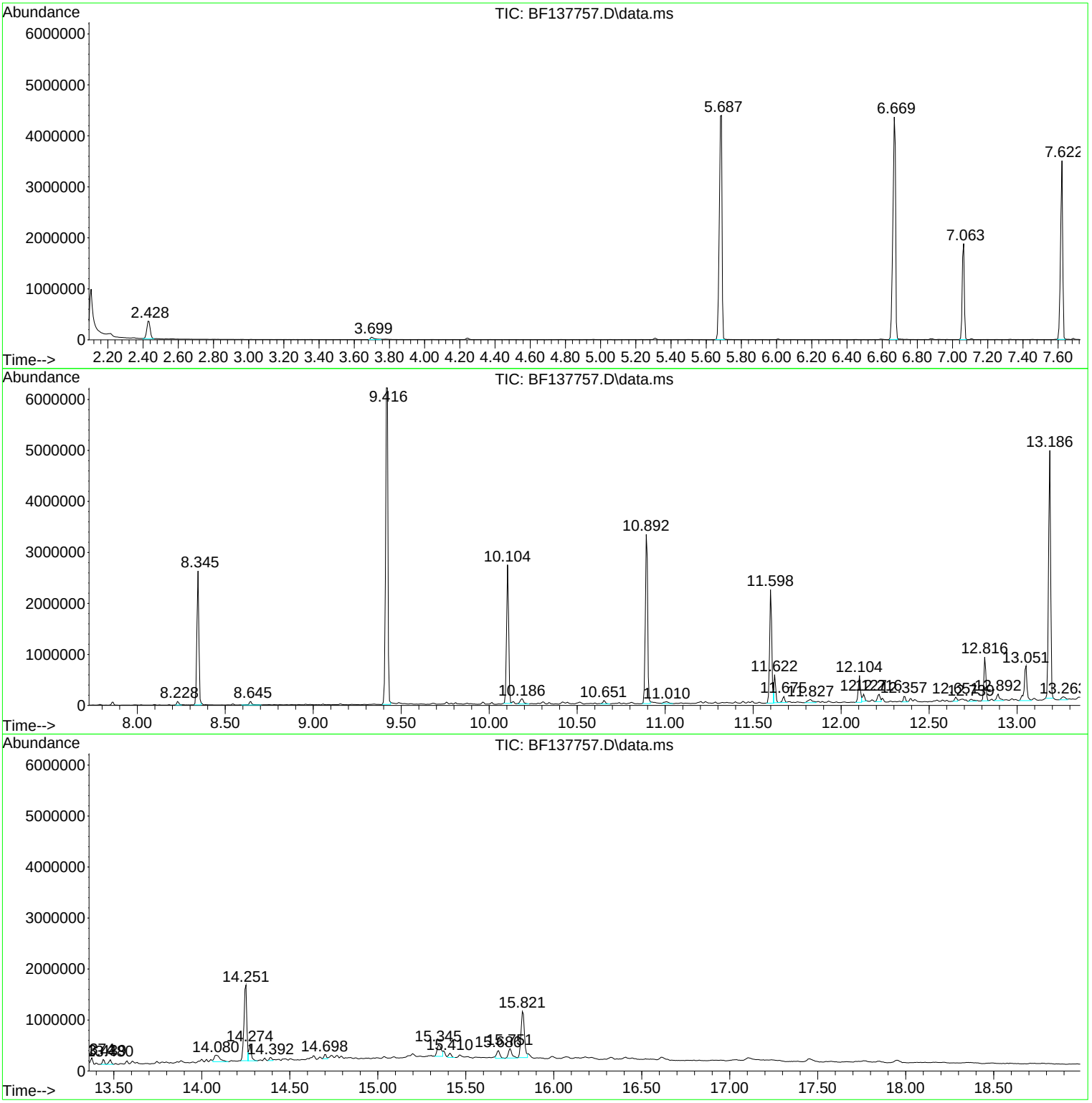
Instrument :
BNA_F
ClientSampleId :
FOOT-PRINT-A-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042324.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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ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FOOT-PRINT-A-1

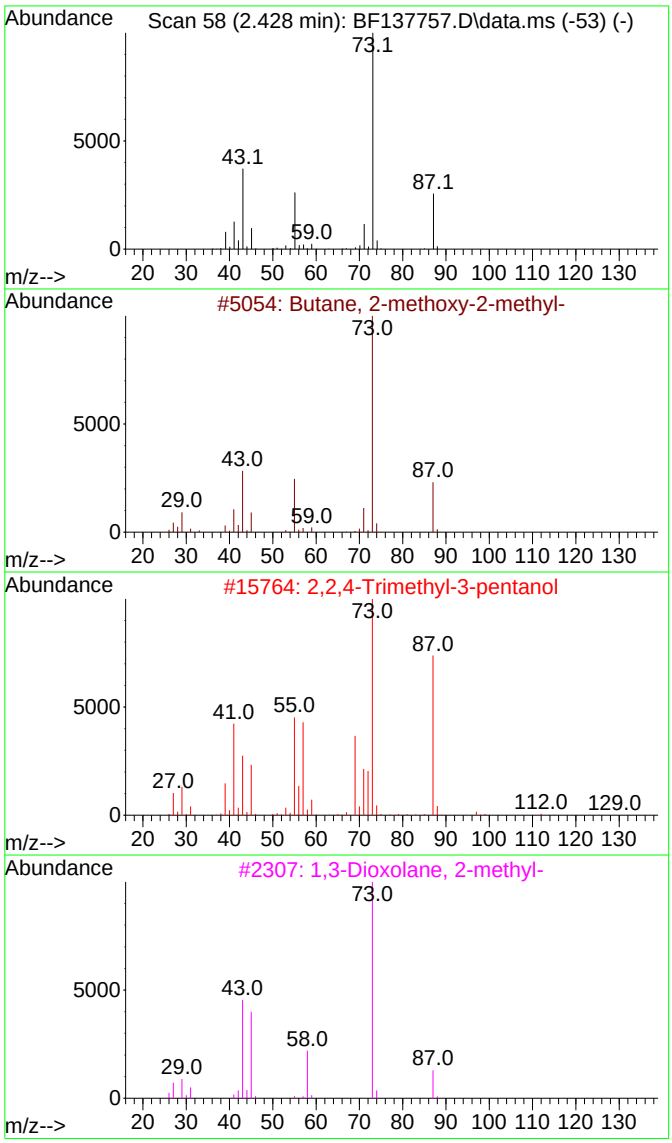
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

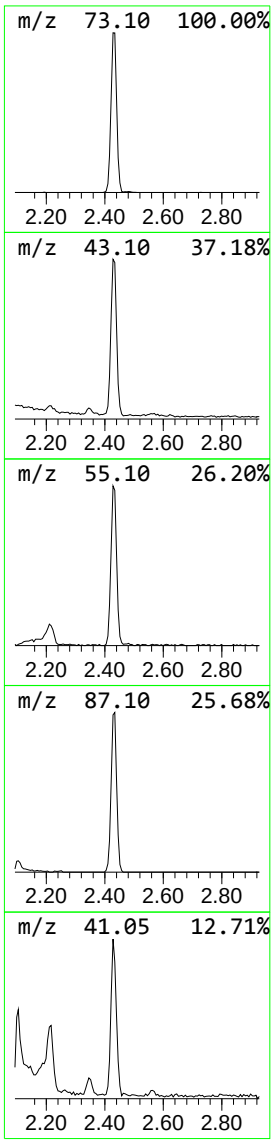
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.428	5.92 ng	463353	1,4-Dichlorobenzene-d4	7.063

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	23
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	22
5	1,3-Dioxolane, 2-propyl-	116	C6H12O2	003390-13-4	17





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BNA_F
ClientSampleId :
FOOT-PRINT-A-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042324.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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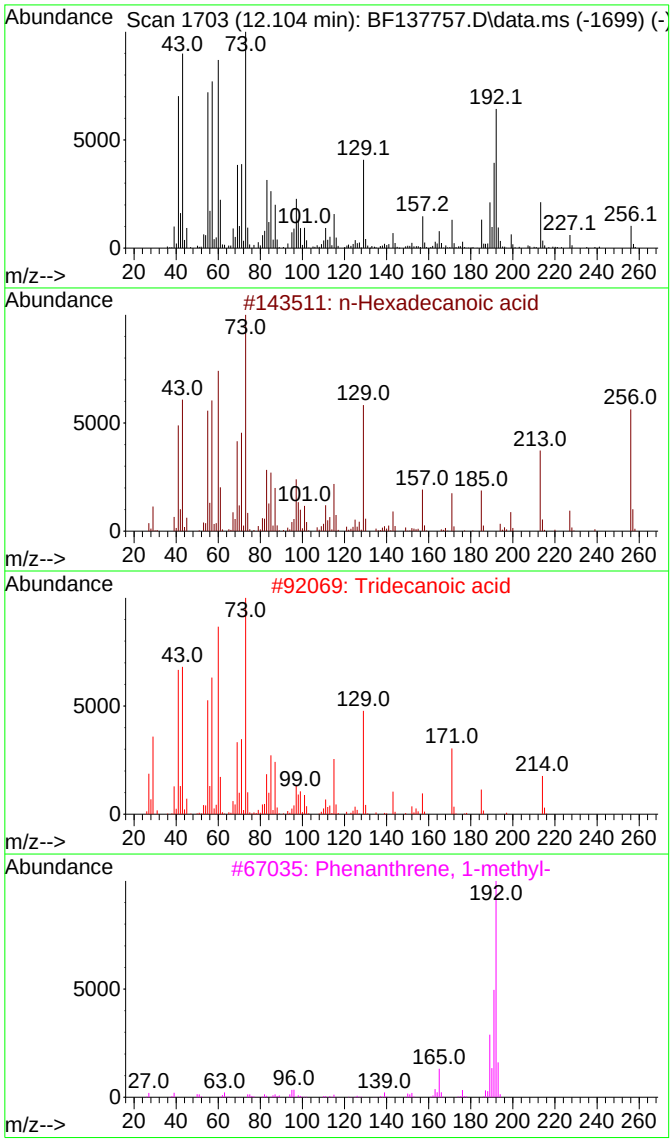
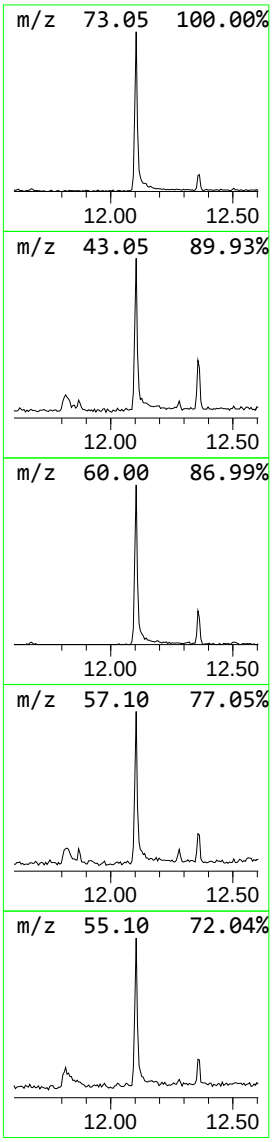
Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.104	4.50 ng	437829	Phenanthrene-d10	11.598

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	91
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	78
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	68





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Instrument :
BNA_F
ClientSampleId :
FOOT-PRINT-A-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042324.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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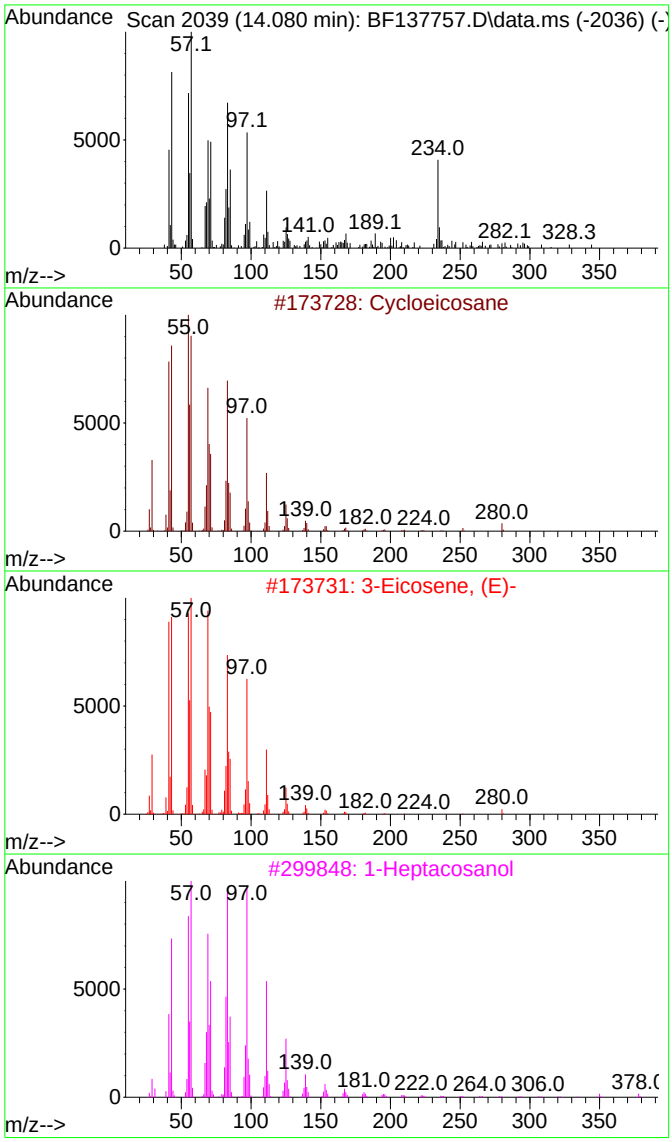
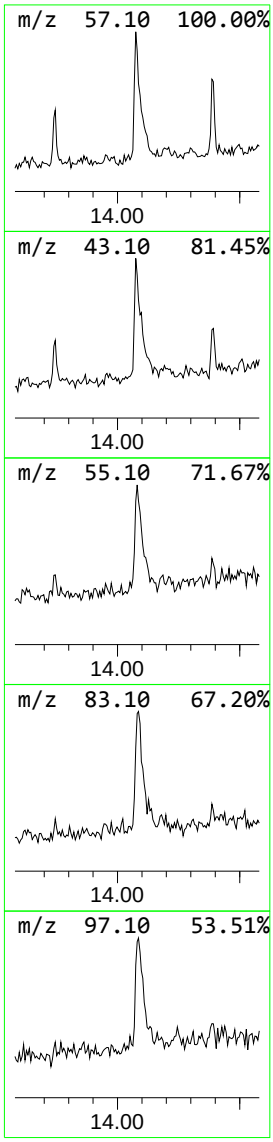
Peak Number 3 Cycloeicosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.080	3.45 ng	286981	Chrysene-d12	14.251

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cycloeicosane	280	C20H40	000296-56-0	86
2	3-Eicosene, (E)-	280	C20H40	074685-33-9	86
3	1-Heptacosanol	396	C27H56O	002004-39-9	70
4	1-Docosene	308	C22H44	001599-67-3	64
5	1-Hexacosanol	382	C26H54O	000506-52-5	64





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Sample : P2294-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FOOT-PRINT-A-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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TIC Integration Parameters: LSCINT.P

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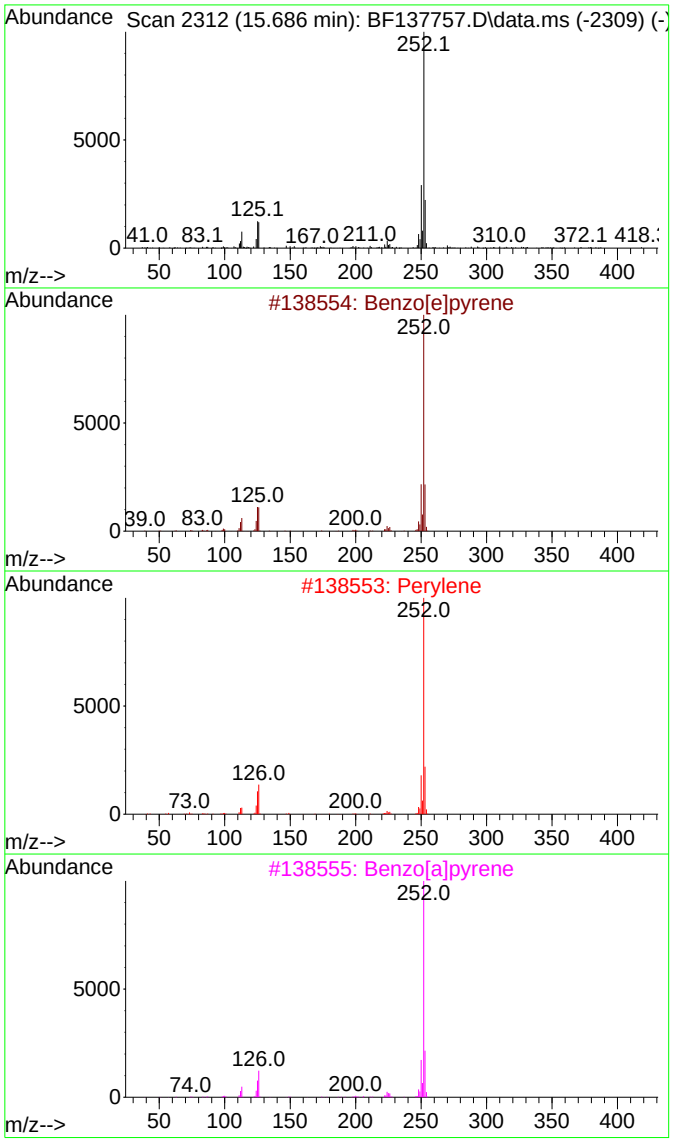
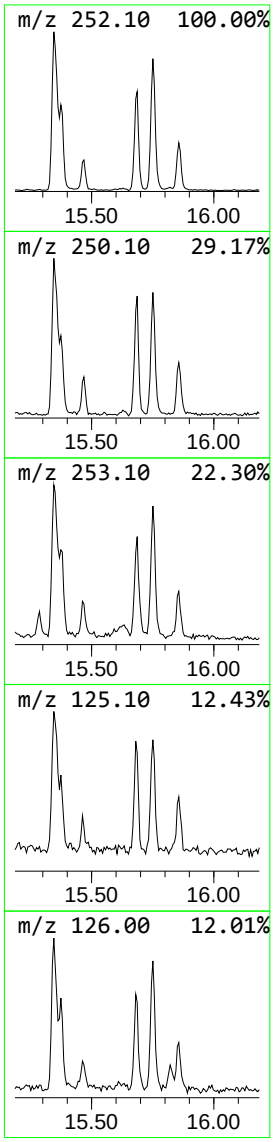
Peak Number 4 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.686	3.07 ng	190101	Perylene-d12	15.821

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	95
2	Perylene	252	C20H12	000198-55-0	93
3	Benzo[a]pyrene	252	C20H12	000050-32-8	91
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	91
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90





Tentatively Identified Compound (LSC) summary

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Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042324.M
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...	2.428	5.9	ng	463353	1	7.063	1566000	20.0
n-Hexadecanoic ...	12.104	4.5	ng	437829	4	11.598	1947960	20.0
Cycloeicosane	14.080	3.5	ng	286981	5	14.251	1665810	20.0
Benzo[e]pyrene	15.686	3.1	ng	190101	6	15.821	1237510	20.0