LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121620\
Data File : BF122751.D
Acq On : 16 Dec 2020 15:43
Operator : JU/CG
Sample : L5088-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR3-A-D-COMP

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-BF120520.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF122751.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.204	17	20	27	rVB	56215	78225	1.88%	0.236%
2	5.040	498	502	510	rVB	43750	59224	1.43%	0.179%
3	5.434	565	569	573	rBV	3174468	3363036	81.02%	10.148%
4	6.451	736	742	755	rBV	3295172	3625753	87.35%	10.941%
5	6.645	772	775	781	rBV2	75205	85468	2.06%	0.258%
6	6.816	800	804	811	rBV	1431608	1118482	26.94%	3.375%
7	7.381	895	900	903	rBV	2447188	2318761	55.86%	6.997%
8	8.098	1018	1022	1026	rBV	1641034	1518731	36.59%	4.583%
9	9.180	1200	1206	1209	rBV	4603463	4151043	100.00%	12.526%
10	9.569	1269	1272	1276	rBV	507200	415041	10.00%	1.252%
11	9.716	1293	1297	1301	rBV	108890	93571	2.25%	0.282%
12	9.857	1314	1321	1324	rBV	2131287	1782649	42.94%	5.379%
13	10.645	1450	1455	1458	rBV	2969303	2681562	64.60%	8.092%
14	10.769	1470	1476	1479	rVB4	34435	56973	1.37%	0.172%
15	11.339	1569	1573	1576	rBV	1974434	1763405	42.48%	5.321%
16	11.363	1576	1577	1580	rVV	182570	104511	2.52%	0.315%
17	11.416	1584	1586	1589	rVB	55760	45985	1.11%	0.139%
18	11.869	1660	1663	1667	rBV	235398	227269	5.47%	0.686%
19	11.951	1674	1677	1680	rBV2	62099	62150	1.50%	0.188%
20	12.392	1749	1752	1754	rBV	56122	50293	1.21%	0.152%
21	12.551	1776	1779	1782	rBV	313056	261912	6.31%	0.790%
22	12.657	1793	1797	1803	rBV2	209664	291045	7.01%	0.878%
23	12.780	1815	1818	1821	rVB	334904	249761	6.02%	0.754%
24	12.927	1839	1843	1846	rBV	4192704	3983494	95.96%	12.020%
25	13.215	1889	1892	1895	rBV2	60581	50516	1.22%	0.152%
26	13.339	1910	1913	1916	rBV	47856	50415	1.21%	0.152%
27	13.615	1958	1960	1966	rVB	50105	50669	1.22%	0.153%
28	13.863	1997	2002	2015	rBV4	169899	552823	13.32%	1.668%
29	13.980	2016	2022	2025	rVV	1572774	1623687	39.12%	4.899%
30	14.004	2025	2026	2031	rVB	163273	119536	2.88%	0.361%
31	15.015	2195	2198	2206	rBV	167081	284922	6.86%	0.860%
32	15.315	2246	2249	2255	rVB	134876	189184	4.56%	0.571%
33	15.374	2255	2259	2265	rBV	178669	301727	7.27%	0.910%
34	15.439	2265	2270	2281	rVB	1040242	1377551	33.19%	4.157%
35	17.309	2585	2588	2596	rVB	83287	150767	3.63%	0.455%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121620\
Data File : BF122751.D
Acq On : 16 Dec 2020 15:43
Operator : JU/CG
Sample : L5088-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR3-A-D-COMP

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-BF120520.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Sum of corrected areas: 33140141

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121620\
Data File : BF122751.D
Acq On : 16 Dec 2020 15:43
Operator : JU/CG
Sample : L5088-12
Misc :
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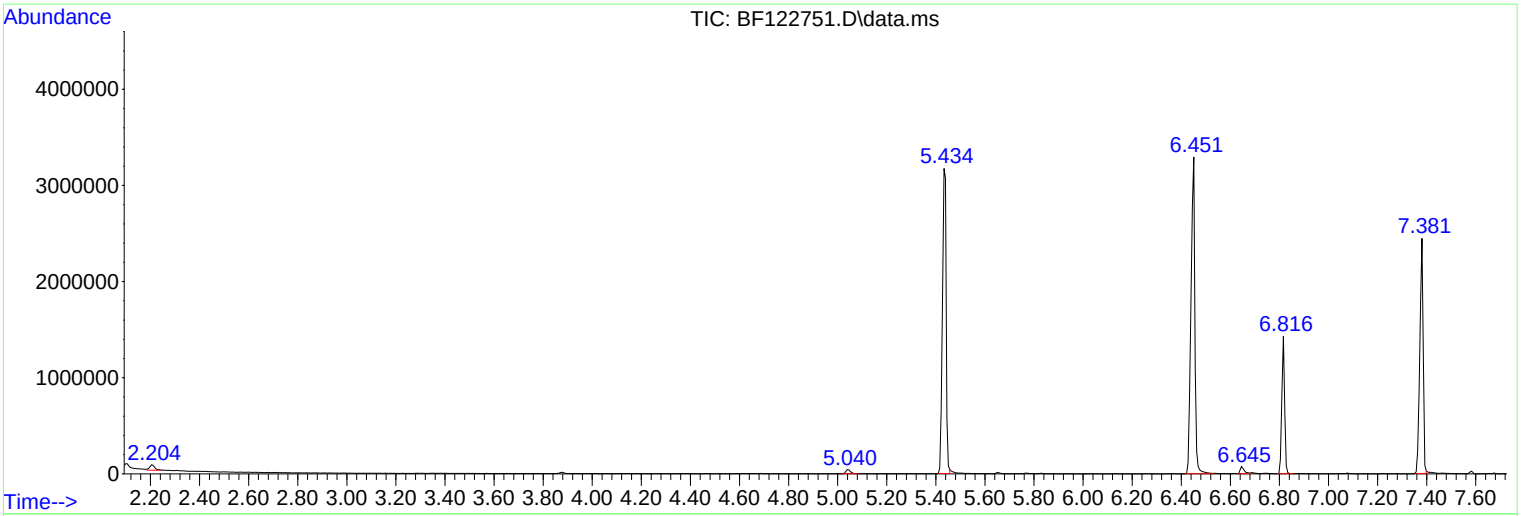
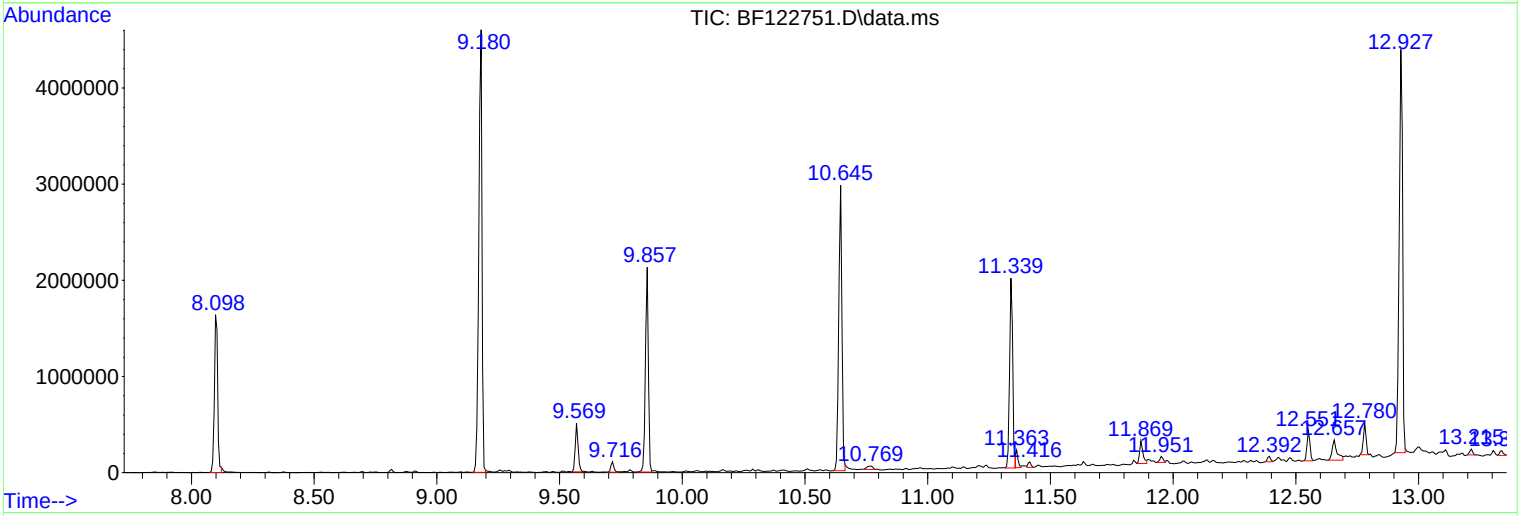
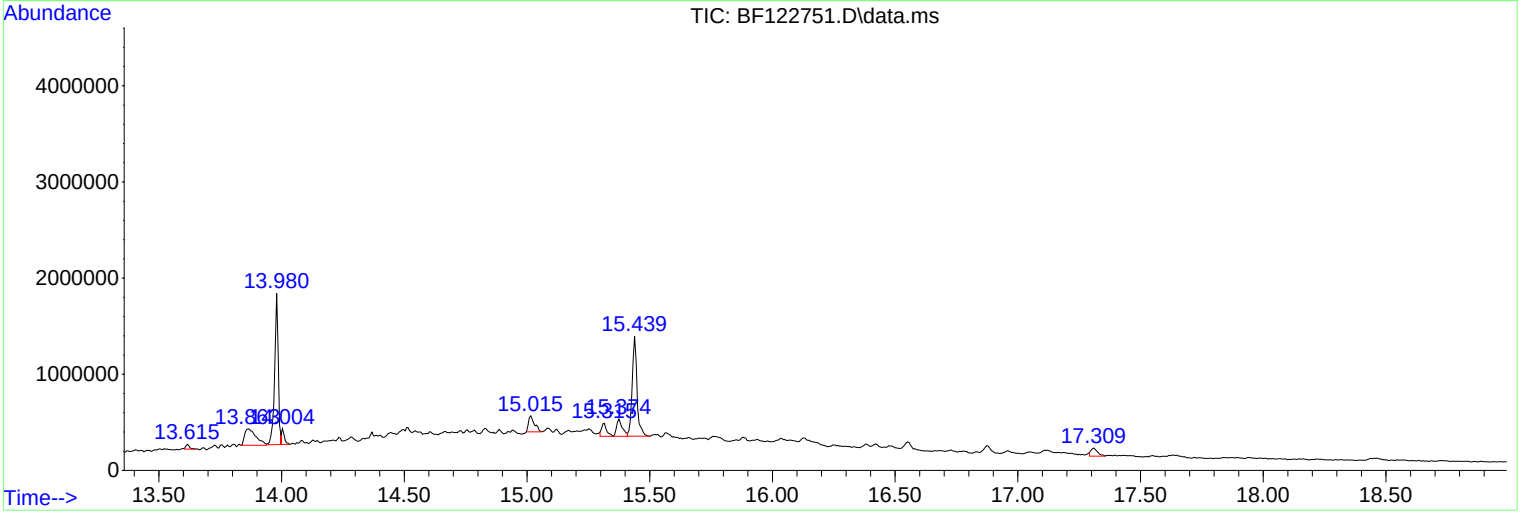
Instrument :
BNA_F
ClientSampleId :
TR3-A-D-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P







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BNA_F
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TR3-A-D-COMP

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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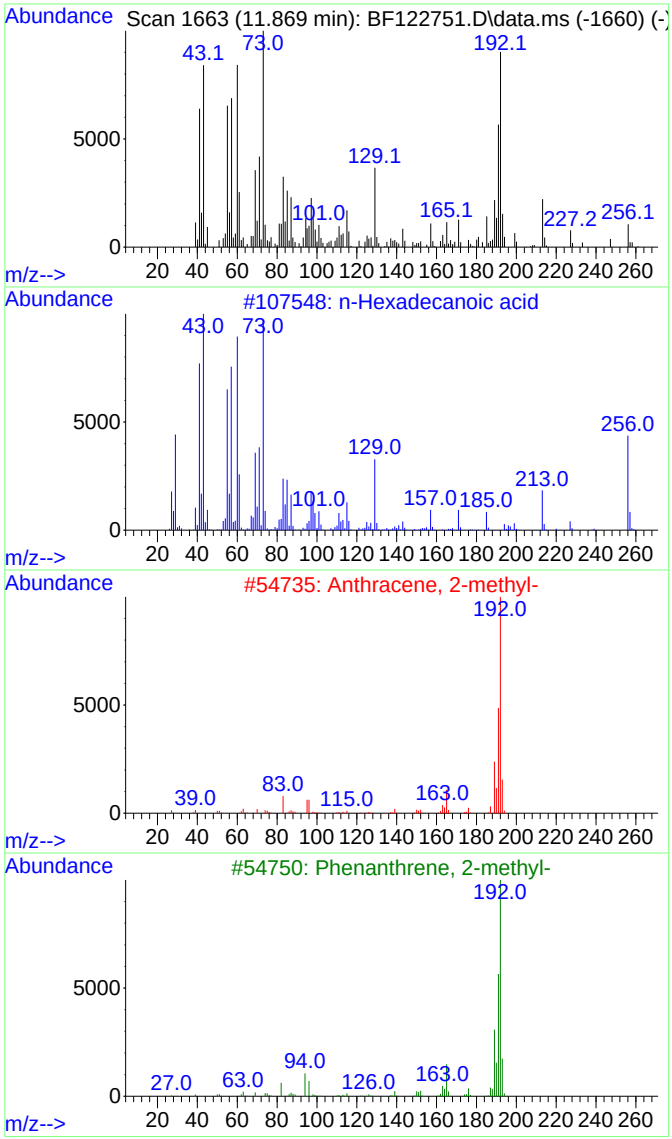
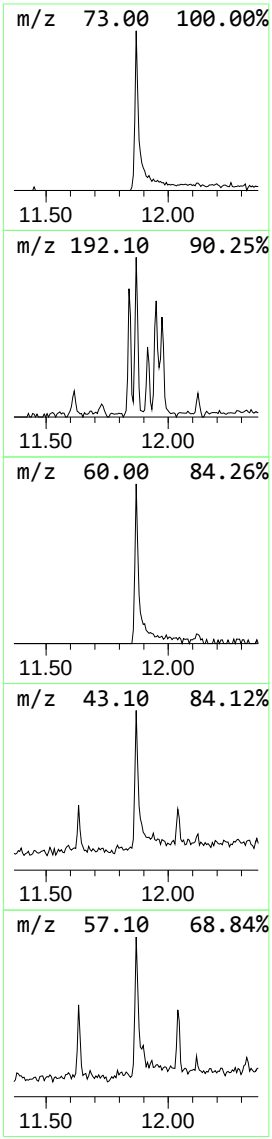
Peak Number 1 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.868	2.58 ng	227269	Phenanthrene-d10	11.339

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	92
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	92
4	Tridecanoic acid	214	C13H26O2	000638-53-9	90
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	70





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Operator : JU/CG
Sample : L5088-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR3-A-D-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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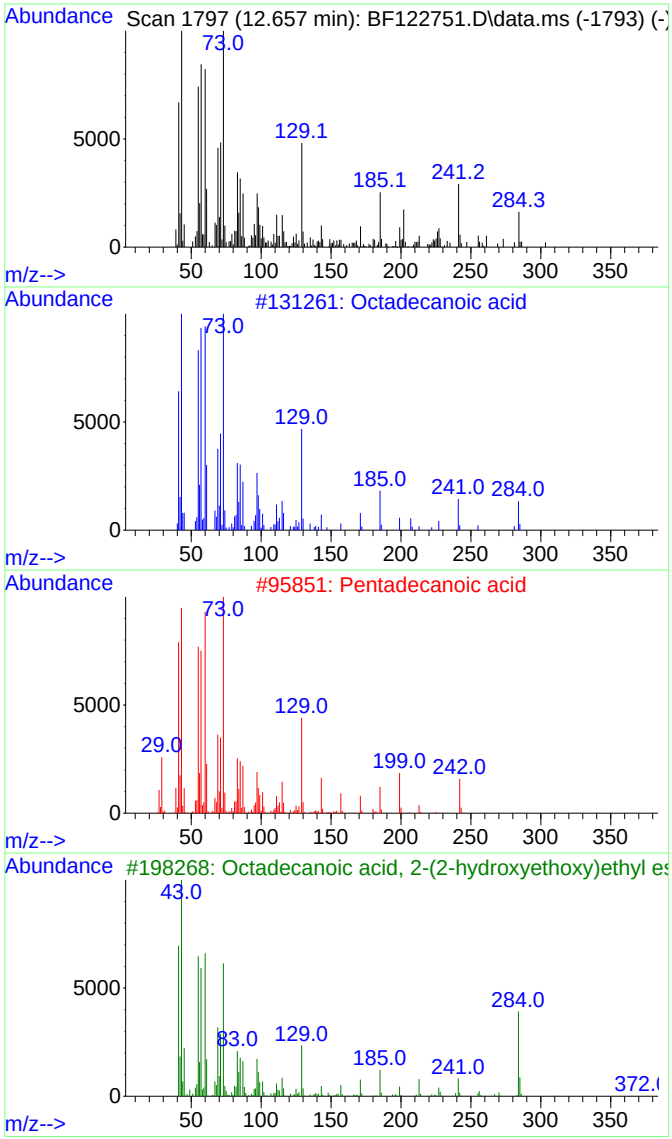
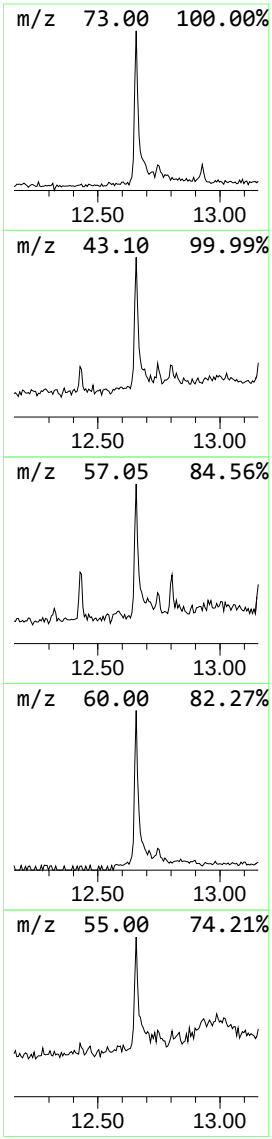
Peak Number 2 Octadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.657	3.30 ng	291045	Phenanthrene-d10	11.339

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
3	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	80
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	74
5	Tridecanoic acid	214	C13H26O2	000638-53-9	64





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Data File : BF122751.D
Acq On : 16 Dec 2020 15:43
Operator : JU/CG
Sample : L5088-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR3-A-D-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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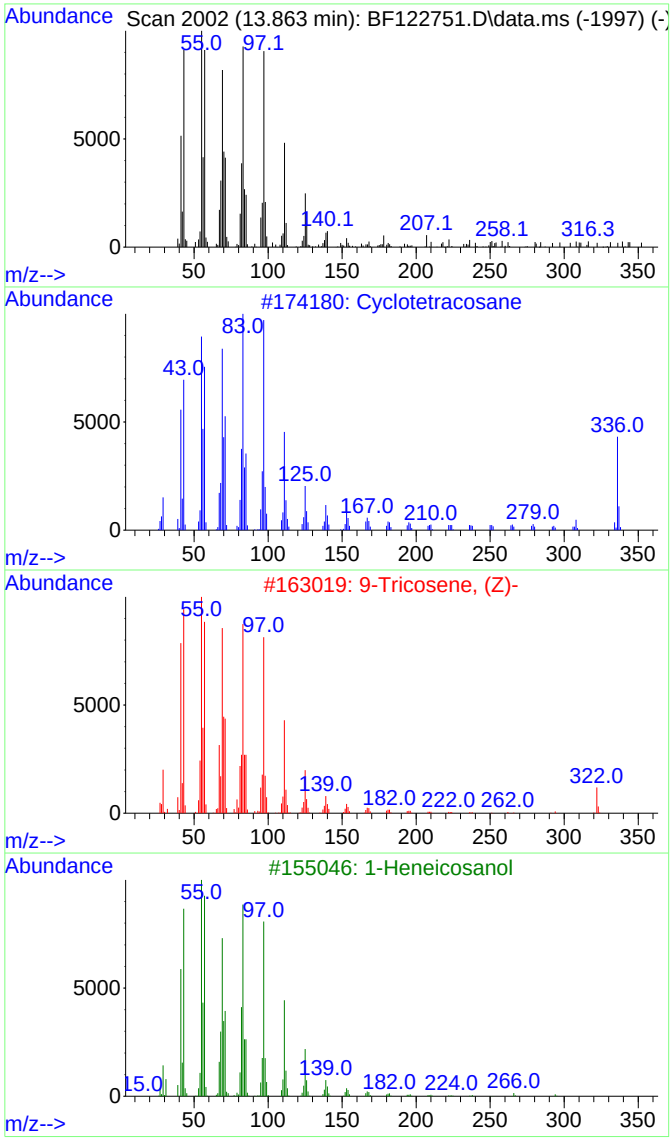
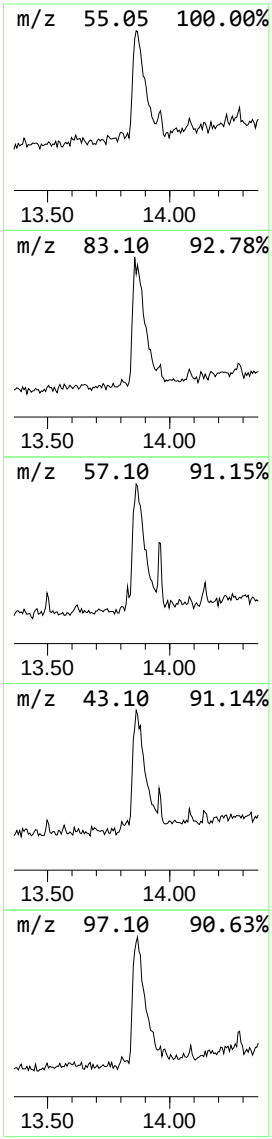
Peak Number 3 Cyclotetracosane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.863	6.81 ng	552823	Chrysene-d12	13.980

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetracosane	336	C24H48	000297-03-0	97
2	9-Tricosene, (Z)-	322	C23H46	027519-02-4	96
3	1-Heneicosanol	312	C21H44O	015594-90-8	95
4	3-Eicosene, (E)-	280	C20H40	074685-33-9	95
5	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	91





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Sample : L5088-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR3-A-D-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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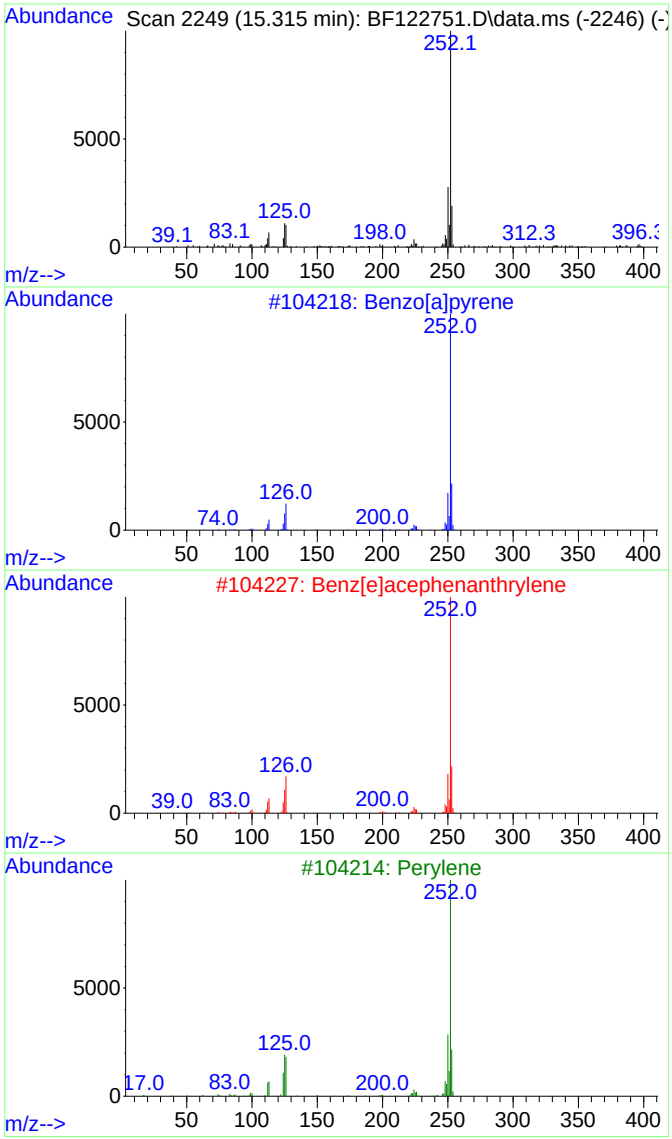
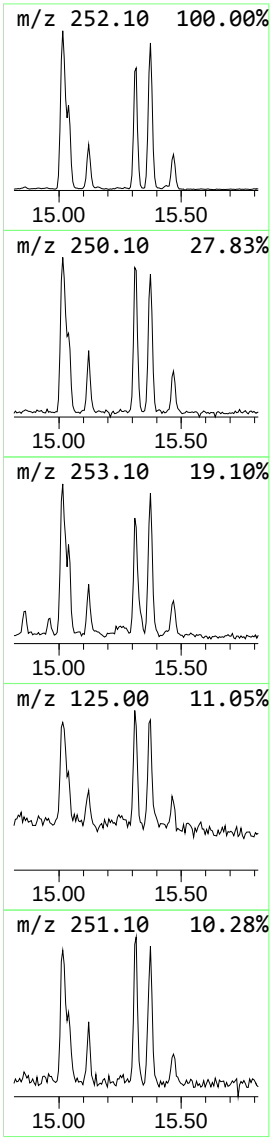
Peak Number 4 Perylene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.315	2.75 ng	189184	Perylene-d12	15.439

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[a]pyrene	252	C20H12	000050-32-8	91
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	91
3	Perylene	252	C20H12	000198-55-0	90
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	90
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	81





Tentatively Identified Compound (LSC) summary

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Misc :
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Instrument : BNA_F
ClientSampleId : TR3-A-D-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
n-Hexadecanoic ...	11.868	2.6	ng	227269	4	11.339	1763410	20.0
Octadecanoic acid	12.657	3.3	ng	291045	4	11.339	1763410	20.0
Cyclotetracosane	13.863	6.8	ng	552823	5	13.980	1623690	20.0
Perylene	15.315	2.8	ng	189184	6	15.439	1377550	20.0