LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092122\
Data File : BF130360.D
Acq On : 21 Sep 2022 14:21
Operator : CG\JU
Sample : N4703-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ETGI-363

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-BF091422.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF130360.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.846	464	469	475	rVB	38281	48219	1.69%	0.229%
2	5.263	535	540	543	rBV	2522150	2272908	79.86%	10.816%
3	6.298	711	716	734	rVB	2440323	2314763	81.33%	11.015%
4	6.657	773	777	780	rVB	813630	707271	24.85%	3.366%
5	7.222	868	873	876	rBV	1673951	1511367	53.10%	7.192%
6	7.940	990	995	998	rBV	962341	923355	32.44%	4.394%
7	9.016	1173	1178	1181	rBV	3541536	2846031	100.00%	13.543%
8	9.686	1287	1292	1295	rBV	1263763	1013955	35.63%	4.825%
9	10.475	1422	1426	1429	rBV	2085248	1669688	58.67%	7.945%
10	11.169	1540	1544	1546	rBV	1085157	918928	32.29%	4.373%
11	11.192	1546	1548	1551	rVV	190702	153059	5.38%	0.728%
12	11.239	1553	1556	1560	rVB	53829	43240	1.52%	0.206%
13	11.704	1631	1635	1639	rBV2	153005	169521	5.96%	0.807%
14	11.775	1644	1647	1650	rBV	50750	51993	1.83%	0.247%
15	12.375	1745	1749	1754	rBV	445593	362316	12.73%	1.724%
16	12.492	1766	1769	1773	rBV4	29895	41586	1.46%	0.198%
17	12.604	1782	1788	1791	rBV	316327	349891	12.29%	1.665%
18	12.751	1810	1813	1817	rVV	2174352	1992949	70.03%	9.484%
19	12.822	1820	1825	1828	rBV2	27380	37963	1.33%	0.181%
20	12.933	1841	1844	1847	rVB	39852	41826	1.47%	0.199%
21	12.992	1851	1854	1858	rBV2	45032	43557	1.53%	0.207%
22	13.033	1858	1861	1863	rBV2	41053	40634	1.43%	0.193%
23	13.433	1926	1929	1935	rVB	31227	35730	1.26%	0.170%
24	13.545	1944	1948	1951	rBV2	39447	46189	1.62%	0.220%
25	13.798	1983	1991	1993	rBV3	969088	1062801	37.34%	5.057%
26	13.822	1993	1995	1998	rVB	182430	138736	4.87%	0.660%
27	13.898	2006	2008	2011	rVB	62652	52179	1.83%	0.248%
28	14.186	2052	2057	2060	rBV	41816	57295	2.01%	0.273%
29	14.221	2060	2063	2065	rBV2	32356	34212	1.20%	0.163%
30	14.280	2070	2073	2076	rBV4	40174	58526	2.06%	0.279%
31	14.380	2088	2090	2096	rVB2	53438	93339	3.28%	0.444%
32	14.451	2097	2102	2103	rBV3	41338	66277	2.33%	0.315%
33	14.480	2105	2107	2113	rVB2	49744	79044	2.78%	0.376%
34	14.557	2118	2120	2122	rBV2	38979	45347	1.59%	0.216%
35	14.798	2157	2161	2164	rBV	215647	287157	10.09%	1.366%
36	14.886	2173	2176	2181	rVB2	57227	82619	2.90%	0.393%

LSC Area Percent Report

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Acq On : 21 Sep 2022 14:21
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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ETGI-363

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-BF091422.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	15.074	2204	2208	2213	rVB	128807	142639	5.01%	0.679%
38	15.127	2214	2217	2221	rVB	158189	172707	6.07%	0.822%
39	15.192	2223	2228	2231	rBV	598166	677001	23.79%	3.222%
40	15.621	2298	2301	2306	rBV	53263	72800	2.56%	0.346%
41	16.510	2447	2452	2460	rVB2	83997	158551	5.57%	0.754%
42	16.904	2515	2519	2525	rVB	61061	96552	3.39%	0.459%

Sum of corrected areas: 21014721

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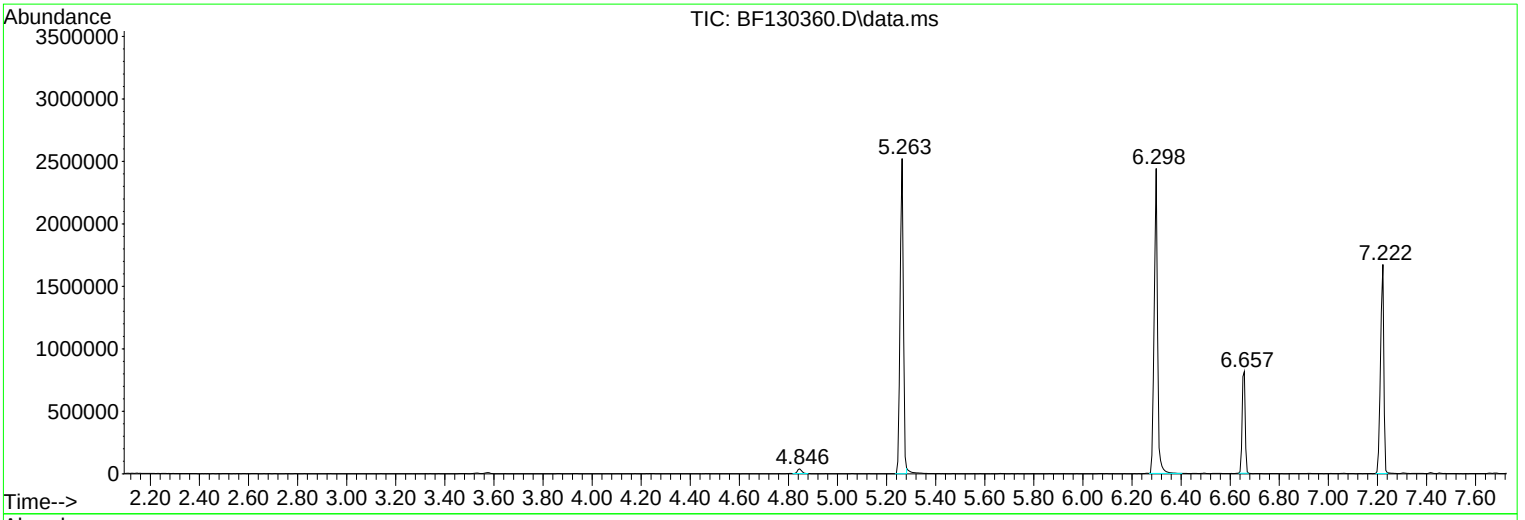
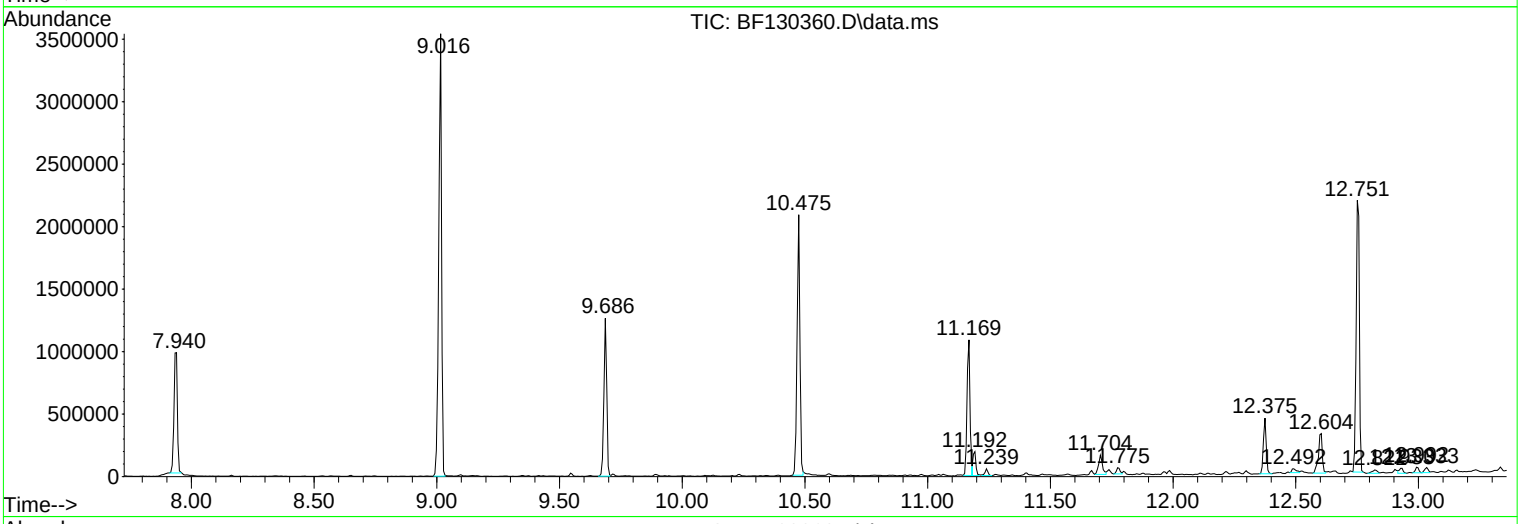
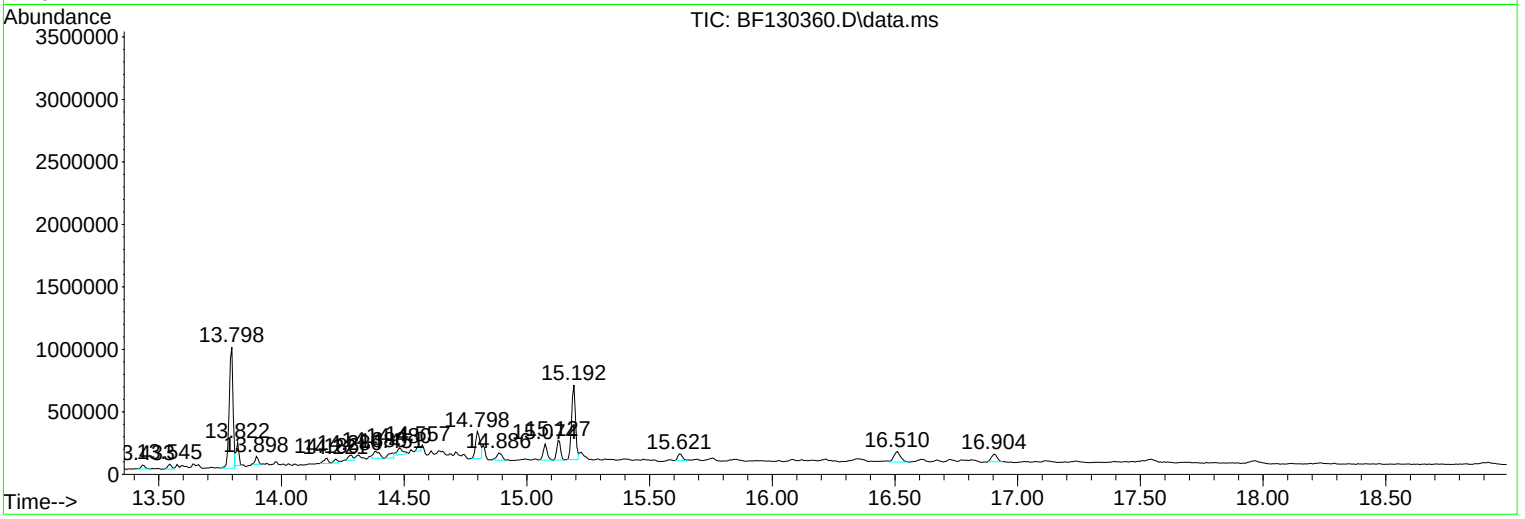
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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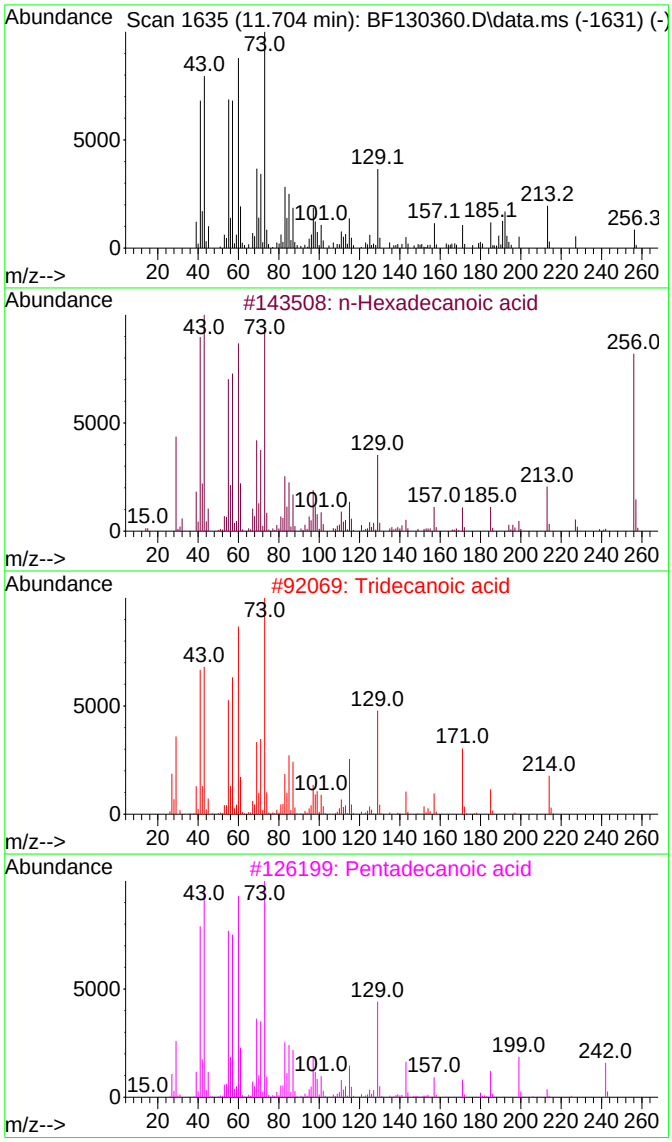
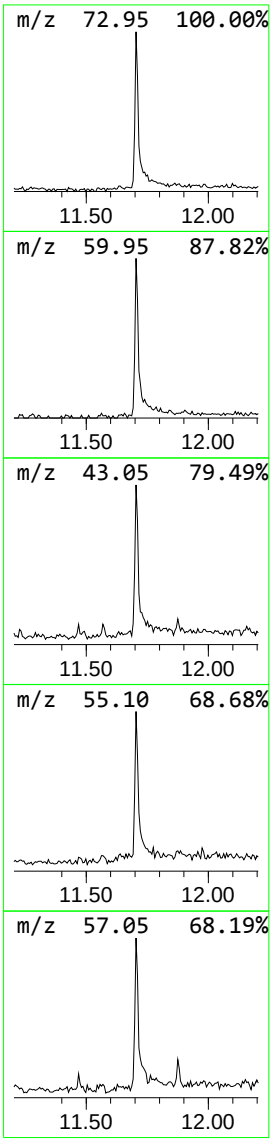
Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.704	3.69 ng	169521	Phenanthrene-d10	11.169

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	92
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	76
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	68
5	Dodecanoic acid	200	C12H24O2	000143-07-7	64





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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.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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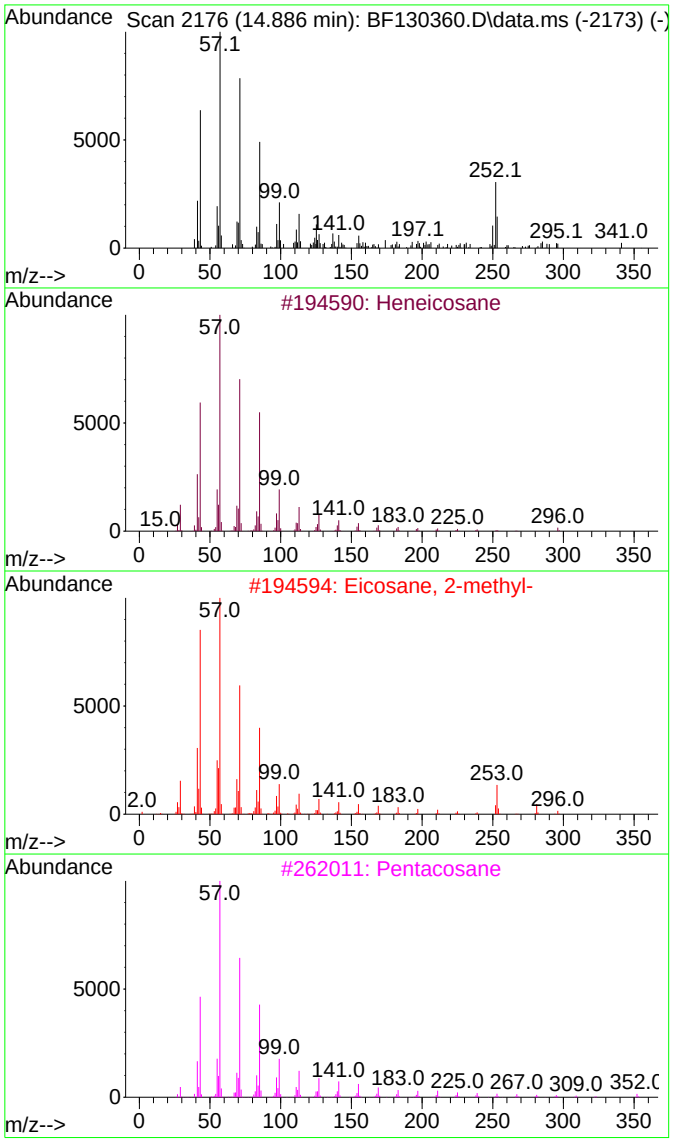
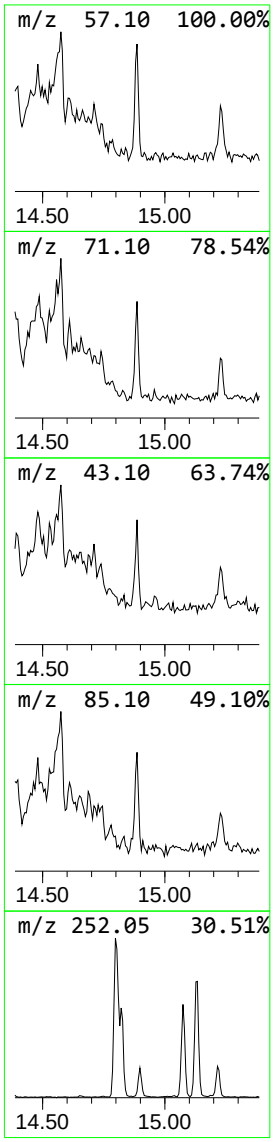
Peak Number 2 Heneicosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.886	2.44 ng	82619	Perylene-d12	15.192

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	95
2	Eicosane, 2-methyl-	296	C21H44	001560-84-5	93
3	Pentacosane	352	C25H52	000629-99-2	68
4	Octacosane, 2-methyl-	408	C29H60	001560-98-1	64
5	Docosane	310	C22H46	000629-97-0	64





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Sample : N4703-02
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Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.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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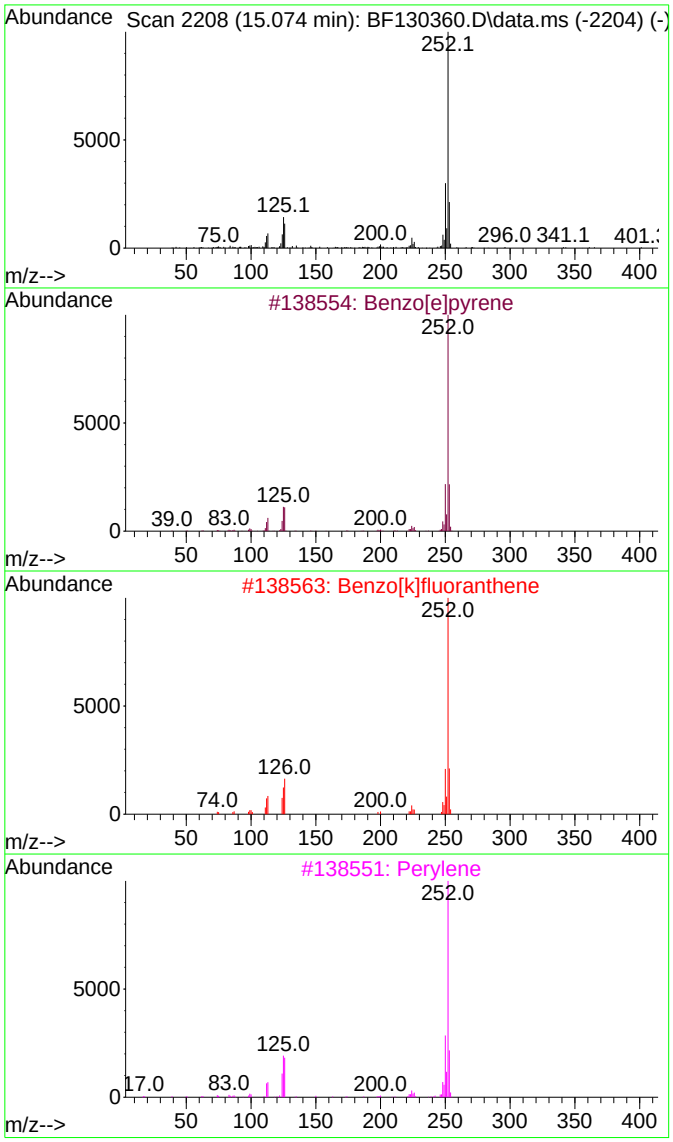
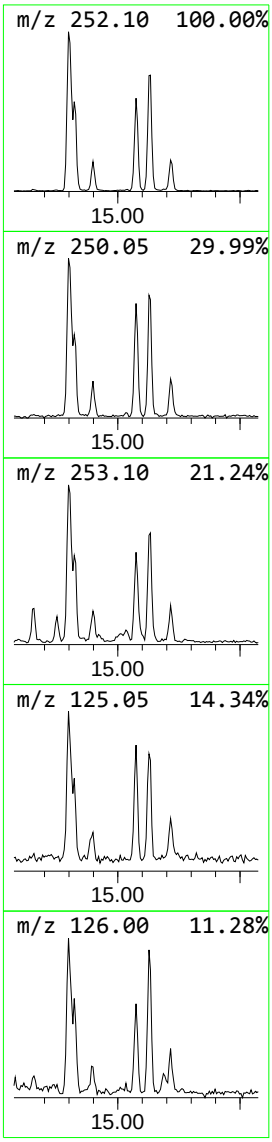
Peak Number 3 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.074	4.21 ng	142639	Perylene-d12	15.192

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
3	Perylene	252	C20H12	000198-55-0	94
4	Benzo[a]pyrene	252	C20H12	000050-32-8	94
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93





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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.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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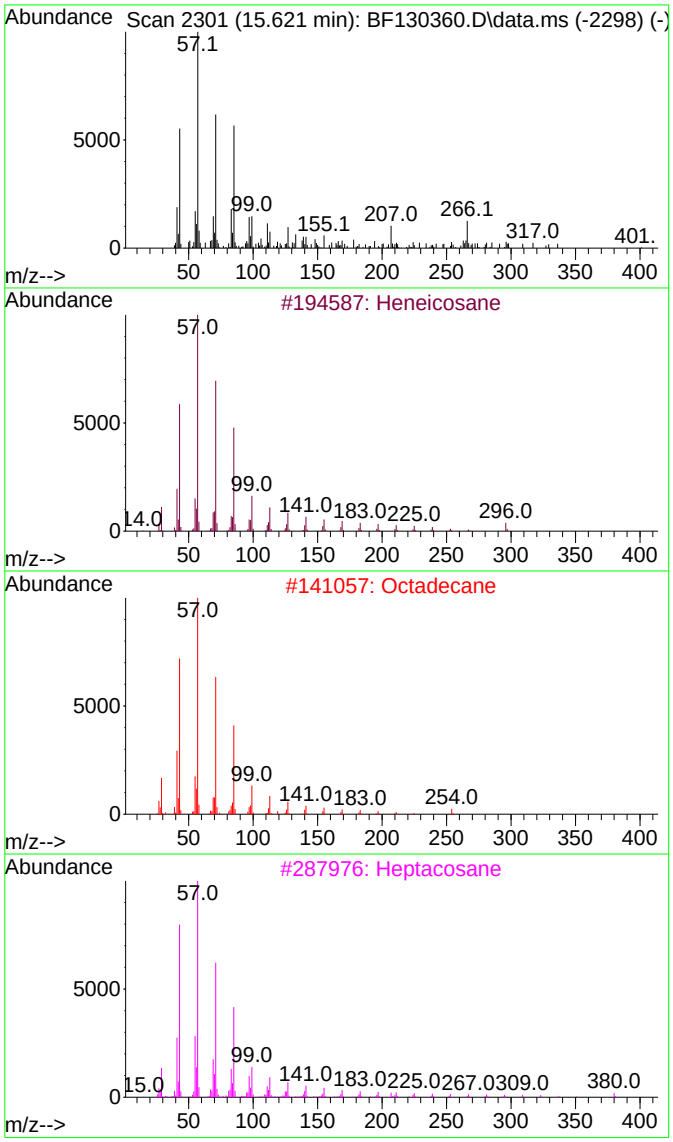
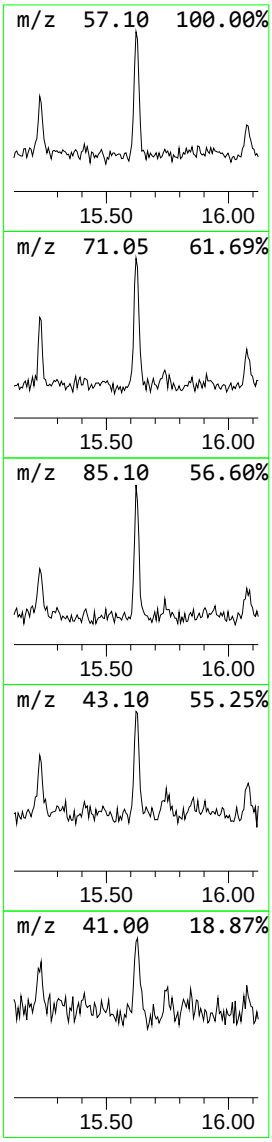
Peak Number 4 Octadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.621	2.15 ng	72800	Perylene-d12	15.192

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	95
2	Octadecane	254	C18H38	000593-45-3	83
3	Heptacosane	380	C27H56	000593-49-7	64
4	Triacontane	422	C30H62	000638-68-6	64
5	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	58





Tentatively Identified Compound (LSC) summary

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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.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
n-Hexadecanoic ...	11.704	3.7	ng	169521	4	11.169	918928	20.0
Heneicosane	14.886	2.4	ng	82619	6	15.192	677001	20.0
Benzo[e]pyrene	15.074	4.2	ng	142639	6	15.192	677001	20.0
Octadecane	15.621	2.1	ng	72800	6	15.192	677001	20.0