LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020921\
Data File : BF123166.D
Acq On : 9 Feb 2021 15:56
Operator : JU/CG
Sample : M1339-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-0-5

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-BF012721.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF123166.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.163	8	13	19	rVB	450401	566932	10.56%	1.280%
2	5.510	577	582	585	rBV	3743287	3607907	67.22%	8.147%
3	6.516	747	753	756	rBV	3496653	3621824	67.47%	8.178%
4	6.892	813	817	820	rBV	1276798	1028799	19.17%	2.323%
5	7.451	907	912	915	rBV	2613592	2405965	44.82%	5.433%
6	8.175	1031	1035	1043	rBV	1640073	1356855	25.28%	3.064%
7	9.251	1214	1218	1222	rBV	4317056	4261597	79.39%	9.623%
8	9.334	1229	1232	1237	rVB3	64983	58307	1.09%	0.132%
9	9.645	1282	1285	1289	rBV	137897	129381	2.41%	0.292%
10	9.933	1330	1334	1338	rBV	1771989	1602171	29.85%	3.618%
11	10.728	1465	1469	1486	rBV	2813462	2819671	52.53%	6.367%
12	11.375	1576	1579	1584	rBV	56356	58898	1.10%	0.133%
13	11.427	1584	1588	1590	rBV	2059498	1755860	32.71%	3.965%
14	11.451	1590	1592	1595	rVV	497199	402206	7.49%	0.908%
15	11.498	1597	1600	1604	rVB	135080	135437	2.52%	0.306%
16	11.927	1670	1673	1675	rBV	96587	84517	1.57%	0.191%
17	11.963	1675	1679	1685	rVV2	1408384	1652237	30.78%	3.731%
18	12.039	1689	1692	1695	rVV2	127180	138233	2.58%	0.312%
19	12.227	1718	1724	1726	rBV2	164931	193427	3.60%	0.437%
20	12.480	1764	1767	1770	rBV	78000	72440	1.35%	0.164%
21	12.563	1779	1781	1786	rVB	87726	97493	1.82%	0.220%
22	12.645	1791	1795	1798	rBV	1395399	1124369	20.95%	2.539%
23	12.692	1798	1803	1804	rBV3	73009	101819	1.90%	0.230%
24	12.751	1810	1813	1824	rBV2	1157411	1312226	24.45%	2.963%
25	12.874	1828	1834	1840	rVB	1220647	1269943	23.66%	2.868%
26	12.922	1840	1842	1848	rVB2	59690	79438	1.48%	0.179%
27	13.022	1851	1859	1862	rBV	5625840	5367660	100.00%	12.121%
28	13.092	1867	1871	1875	rVB3	75308	116596	2.17%	0.263%
29	13.180	1883	1886	1888	rBV3	74884	94383	1.76%	0.213%
30	13.204	1888	1890	1893	rVB2	170650	137541	2.56%	0.311%
31	13.269	1899	1901	1904	rVB	88651	70402	1.31%	0.159%
32	13.310	1904	1908	1910	rBV2	130563	138715	2.58%	0.313%
33	13.433	1926	1929	1932	rBV2	65186	70567	1.31%	0.159%
34	13.710	1974	1976	1982	rVB	121717	123217	2.30%	0.278%
35	13.827	1992	1996	1998	rBV2	99633	117706	2.19%	0.266%
36	13.857	1998	2001	2002	rVV	93488	89377	1.67%	0.202%

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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-0-5

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

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Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012721.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	13.874	2002	2004	2009	rVV2	86156	147298	2.74%	0.333%
38	13.921	2009	2012	2019	rVB	144595	156806	2.92%	0.354%
39	14.080	2031	2039	2041	rBV2	2040827	2611707	48.66%	5.897%
40	14.104	2041	2043	2046	rVB	565090	456415	8.50%	1.031%
41	14.186	2054	2057	2061	rVB	120961	120203	2.24%	0.271%
42	14.468	2102	2105	2107	rVB	103026	96945	1.81%	0.219%
43	14.863	2169	2172	2175	rVB	68288	62566	1.17%	0.141%
44	15.133	2213	2218	2221	rBV	454528	740877	13.80%	1.673%
45	15.210	2228	2231	2233	rBV	68213	69489	1.29%	0.157%
46	15.239	2233	2236	2240	rVB	95559	100870	1.88%	0.228%
47	15.351	2248	2255	2266	rVB5	204065	699270	13.03%	1.579%
48	15.439	2266	2270	2276	rVB	268781	342974	6.39%	0.774%
49	15.504	2277	2281	2287	rBV	388612	598792	11.16%	1.352%
50	15.568	2287	2292	2296	rBV	1006536	1308708	24.38%	2.955%
51	17.062	2542	2546	2553	rBV2	145328	294636	5.49%	0.665%
52	17.521	2619	2624	2631	rBV2	112153	213412	3.98%	0.482%

Sum of corrected areas: 44285084

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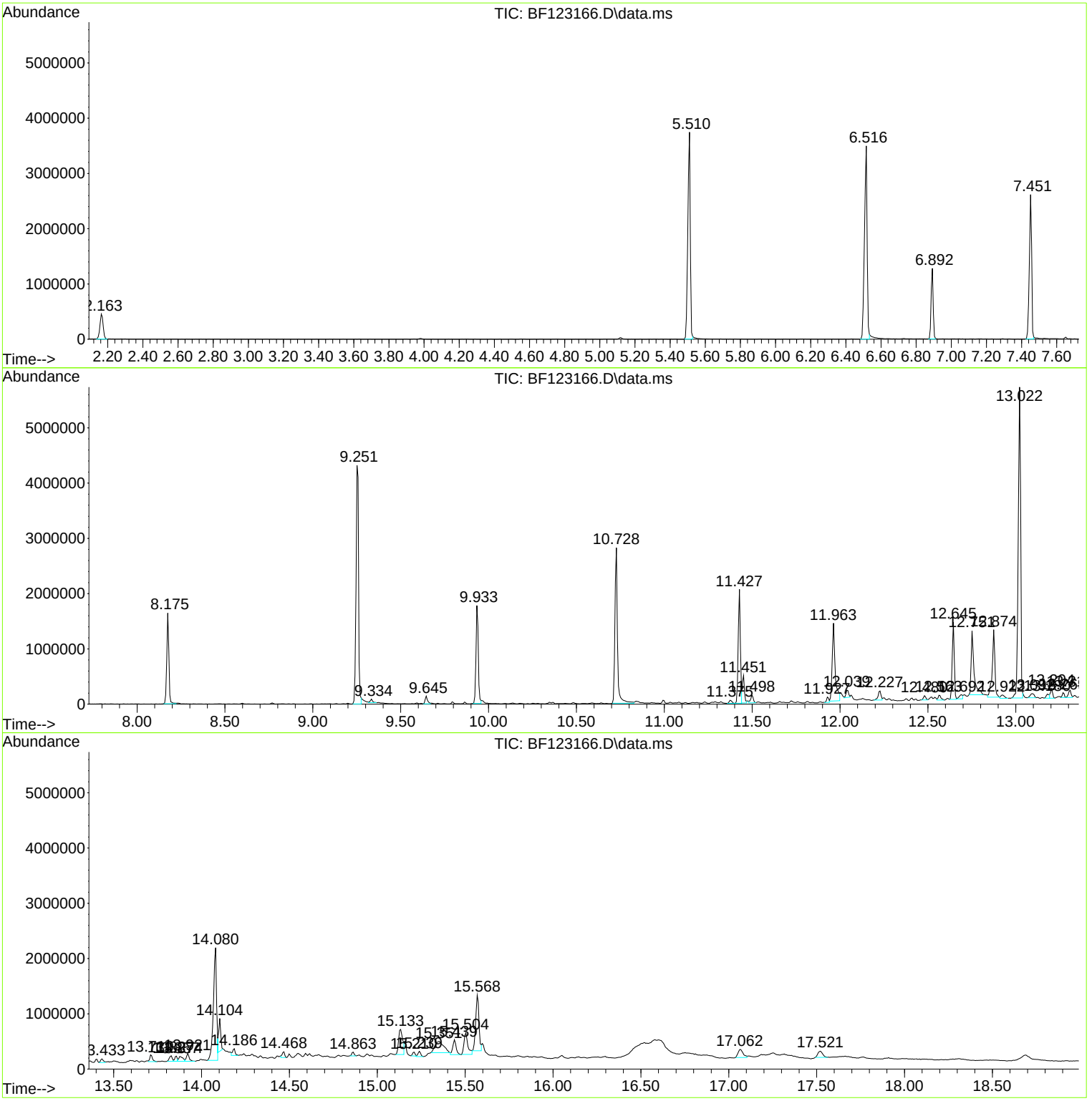
Instrument :
BNA_F
ClientSampleId :
TP-0-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020921\
Data File : BF123166.D
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Sample : M1339-02
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Instrument : BNA_F
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012721.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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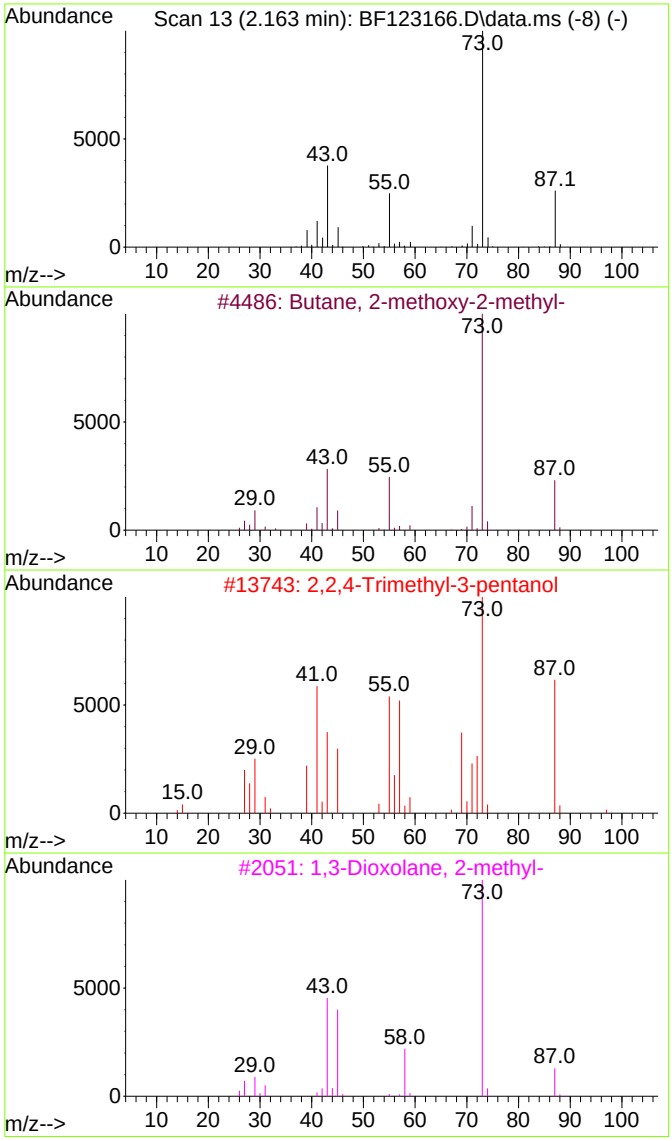
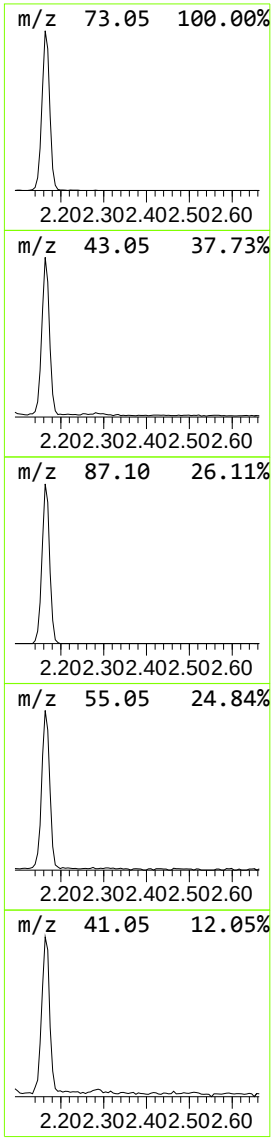
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.163	11.02 ng	566932	1,4-Dichlorobenzene-d4	6.892

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	56
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	22
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17





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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-0-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012721.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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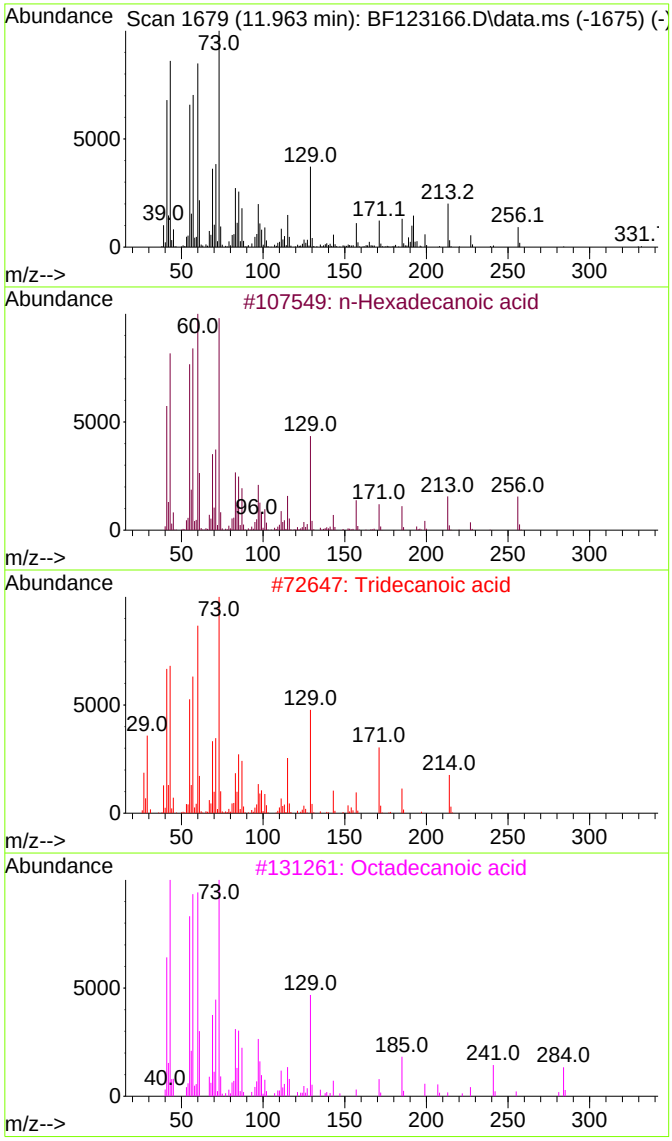
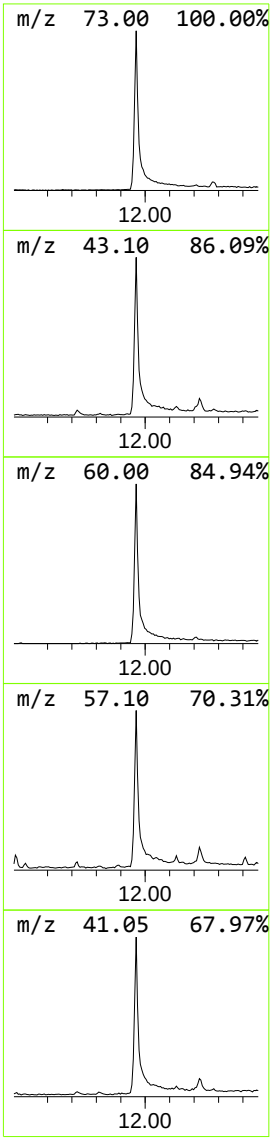
Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.963	18.82 ng	1652240	Phenanthrene-d10	11.428

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	93
3	Octadecanoic acid	284	C18H36O2	000057-11-4	93
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	76





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Data File : BF123166.D
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Sample : M1339-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-0-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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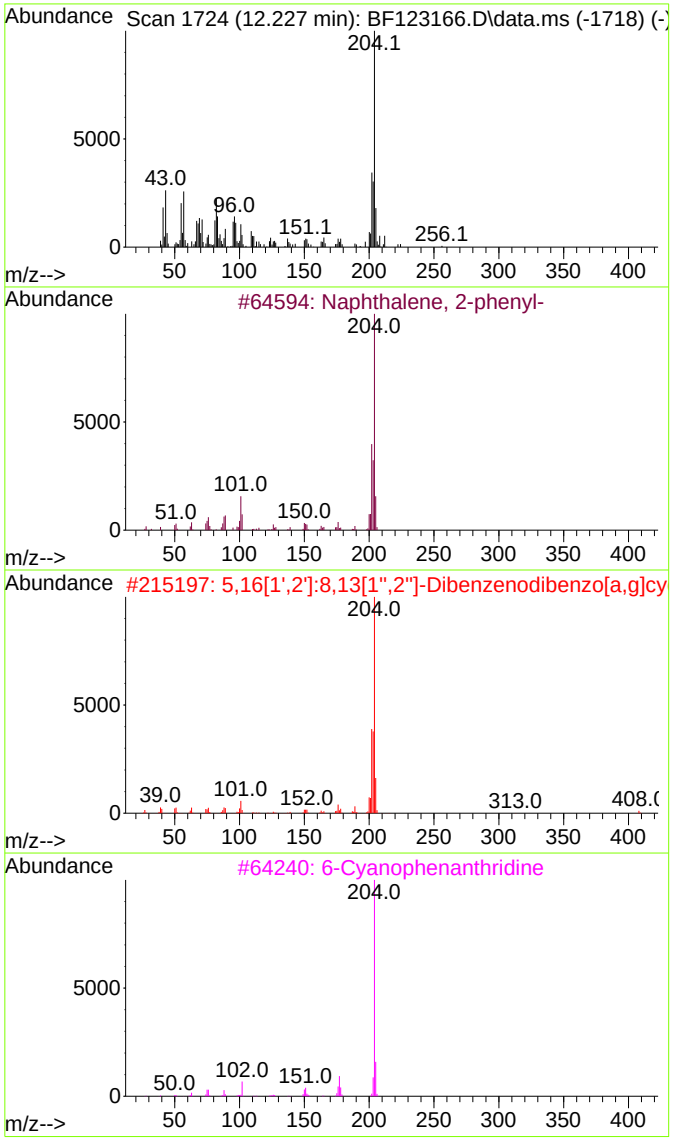
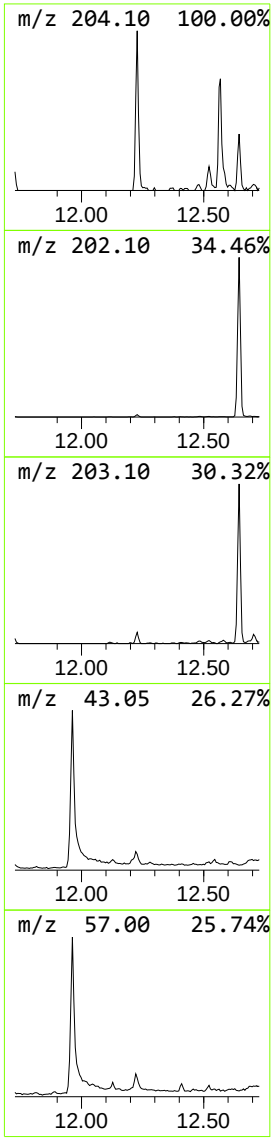
Peak Number 3 Naphthalene, 2-phenyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.227	2.20 ng	193427	Phenanthrene-d10	11.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	83
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	59
3	6-Cyanophenanthridine	204	C14H8N2	002176-28-5	50
4	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	49
5	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	49





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Sample : M1339-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-0-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012721.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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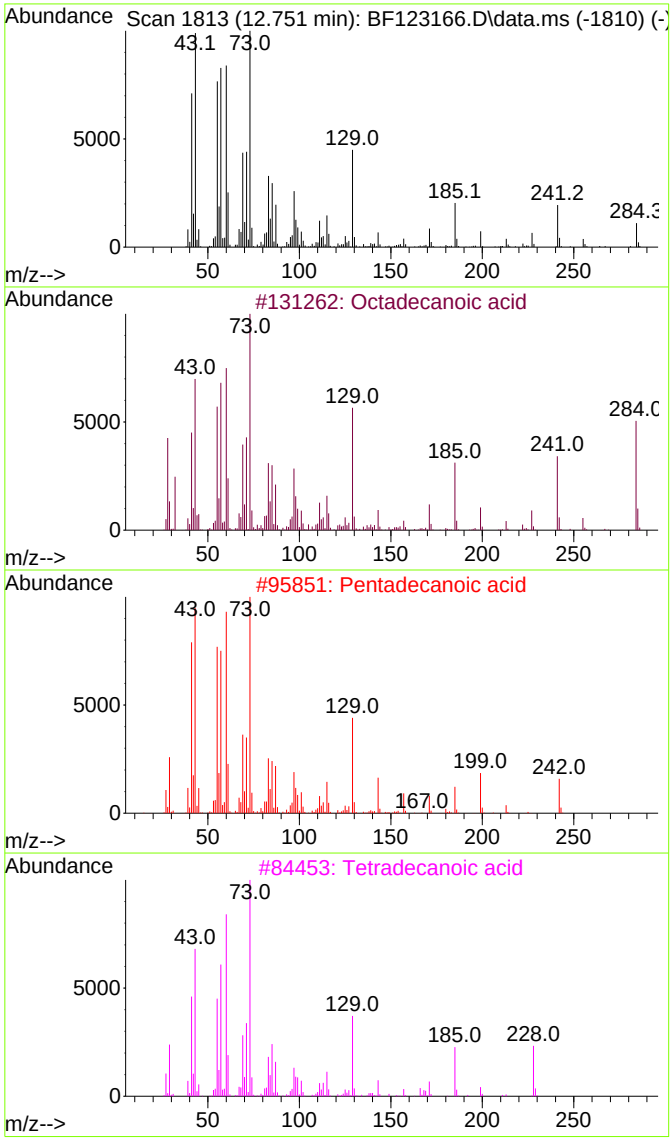
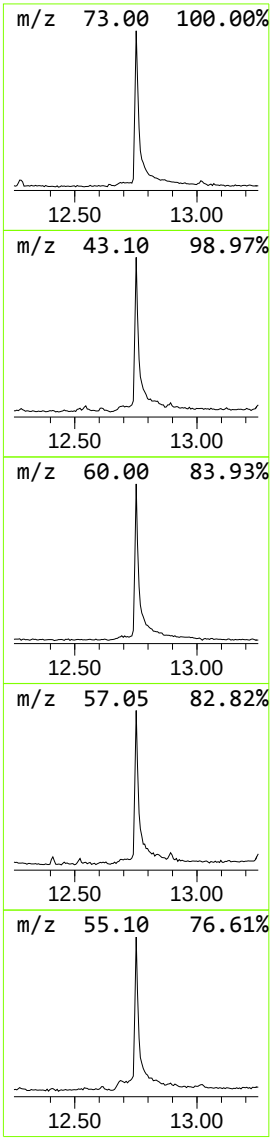
Peak Number 4 Octadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.751	14.95 ng	1312230	Phenanthrene-d10	11.428

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	90
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	87
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	86
5	n-Decanoic acid	172	C10H20O2	000334-48-5	70





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BNA_F
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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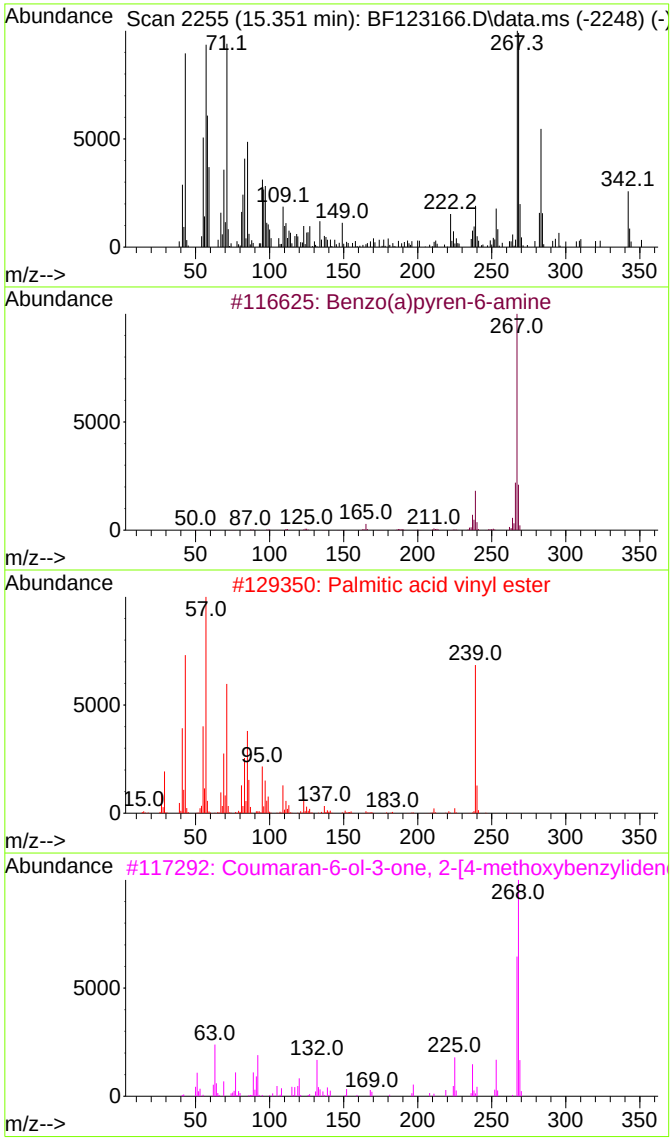
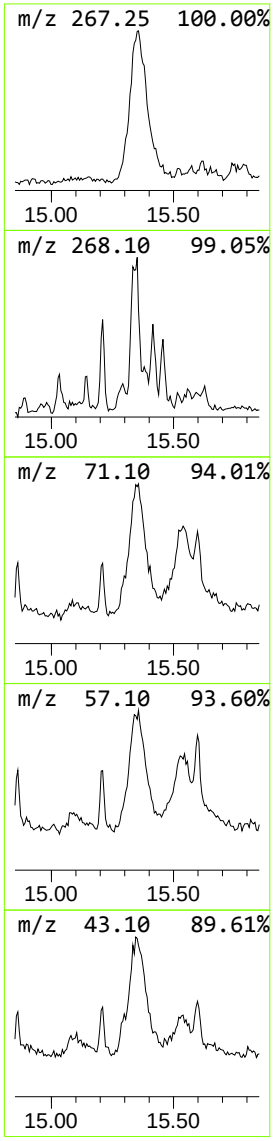
Peak Number 5 unknown15.35 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.351	10.69 ng	699270	Perylene-d12	15.568

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo(a)pyren-6-amine	267	C20H13N	007428-83-3	30
2	Palmitic acid vinyl ester	282	C18H34O2	000693-38-9	30
3	Coumaran-6-ol-3-one, 2-[4-methox...	268	C16H12O4	020727-61-1	25
4	Naphthalene, 1-(2-naphthalenylme...	268	C21H16	000611-48-3	25
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	25





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Instrument : BNA_F
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012721.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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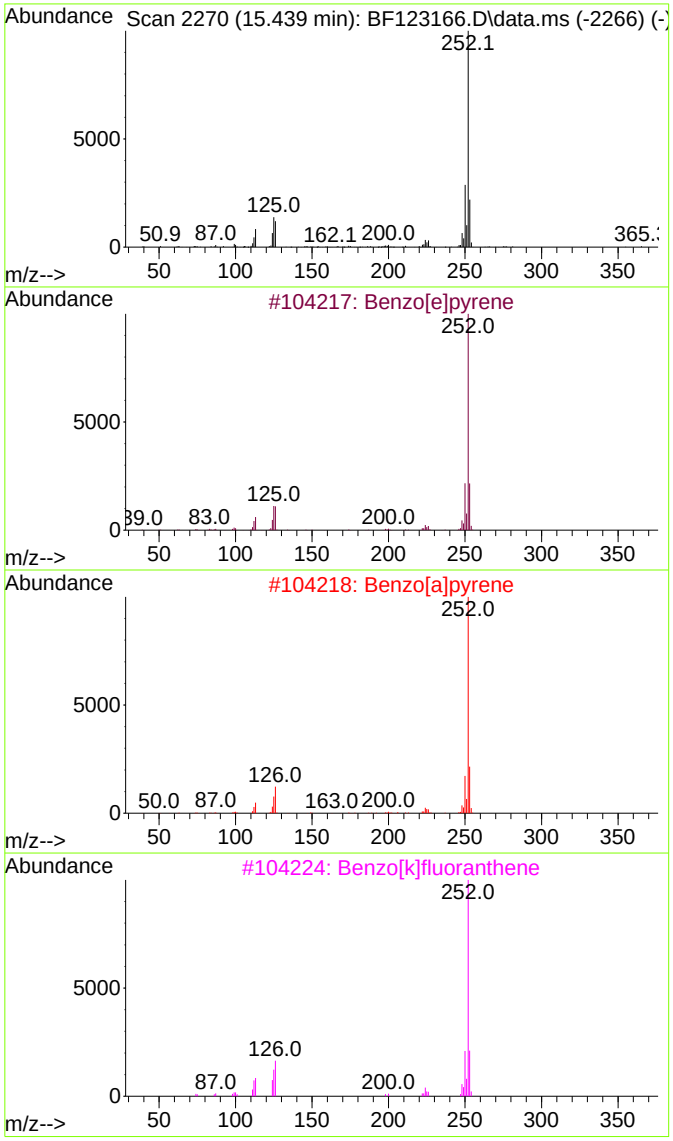
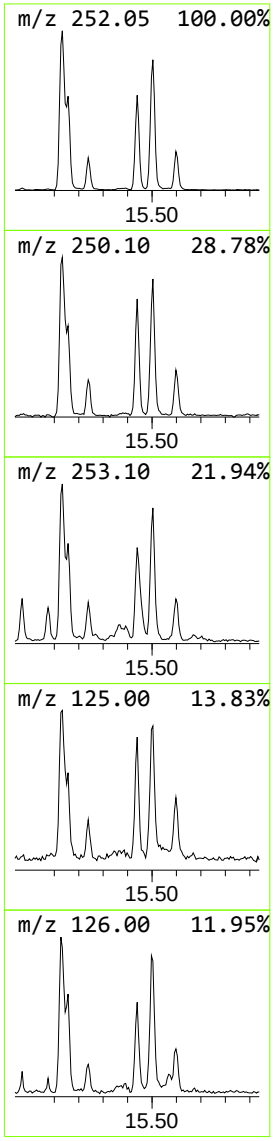
Peak Number 6 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.439	5.24 ng	342974	Perylene-d12	15.568

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





Tentatively Identified Compound (LSC) summary

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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
Butane, 2-metho...	2.163	11.0	ng	566932	1	6.892	1028800	20.0
n-Hexadecanoic ...	11.963	18.8	ng	1652240	4	11.428	1755860	20.0
Naphthalene, 2-...	12.227	2.2	ng	193427	4	11.428	1755860	20.0
Octadecanoic acid	12.751	14.9	ng	1312230	4	11.428	1755860	20.0
unknown15.35	15.351	10.7	ng	699270	6	15.568	1308710	20.0
Benzo[e]pyrene	15.439	5.2	ng	342974	6	15.568	1308710	20.0