LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071323\
Data File : BF134277.D
Acq On : 13 Jul 2023 23:53
Operator : CG\JU
Sample : 03358-04 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-4-(0-2)

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-BF062623.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF134277.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.187	13	17	27	rVB3	8582	14163	1.79%	0.143%
2	5.069	503	507	518	rVB	17928	23133	2.92%	0.234%
3	5.469	571	575	598	rBV	746500	693313	87.42%	7.003%
4	6.475	742	746	759	rBV	786395	698298	88.04%	7.053%
5	6.839	805	808	816	rBV	525909	414765	52.30%	4.189%
6	7.398	900	903	913	rBV	497636	435967	54.97%	4.404%
7	8.122	1022	1026	1041	rVB	589636	534818	67.43%	5.402%
8	9.198	1205	1209	1212	rBV	909501	793122	100.00%	8.011%
9	9.739	1298	1301	1308	rBV	83944	69263	8.73%	0.700%
10	9.880	1321	1325	1328	rBV	656926	567958	71.61%	5.737%
11	10.427	1415	1418	1424	rVB4	8687	10572	1.33%	0.107%
12	10.539	1431	1437	1441	rBV5	5913	10754	1.36%	0.109%
13	10.592	1443	1446	1456	rVV	173768	160449	20.23%	1.621%
14	10.669	1456	1459	1469	rBV	581731	553483	69.79%	5.591%
15	10.798	1476	1481	1488	rVB7	12320	17783	2.24%	0.180%
16	10.904	1496	1499	1505	rBV	34561	29459	3.71%	0.298%
17	11.180	1543	1546	1549	rBV3	11524	11629	1.47%	0.117%
18	11.233	1549	1555	1559	rBV9	5430	12064	1.52%	0.122%
19	11.374	1575	1579	1581	rBV	708175	577040	72.76%	5.828%
20	11.398	1581	1583	1587	rVV	133828	109735	13.84%	1.108%
21	11.451	1588	1592	1595	rVV	39738	41198	5.19%	0.416%
22	11.480	1595	1597	1603	rVB5	17082	22590	2.85%	0.228%
23	11.610	1614	1619	1625	rBV2	23535	32715	4.12%	0.330%
24	11.874	1660	1664	1666	rBV2	23259	28301	3.57%	0.286%
25	11.904	1666	1669	1676	rVV2	139959	161782	20.40%	1.634%
26	11.992	1680	1684	1686	rVV2	49870	53668	6.77%	0.542%
27	12.010	1686	1687	1691	rVB2	16490	16303	2.06%	0.165%
28	12.180	1713	1716	1717	rVB2	13161	11363	1.43%	0.115%
29	12.210	1717	1721	1723	rBV	26935	27641	3.49%	0.279%
30	12.321	1737	1740	1744	rBV6	10947	15360	1.94%	0.155%
31	12.433	1755	1759	1761	rBV	22838	22029	2.78%	0.223%
32	12.469	1761	1765	1767	rVV4	16567	23869	3.01%	0.241%
33	12.521	1771	1774	1778	rVB2	23885	28205	3.56%	0.285%
34	12.598	1783	1787	1790	rVV	360131	318411	40.15%	3.216%
35	12.633	1790	1793	1796	rVV2	31651	31400	3.96%	0.317%
36	12.692	1800	1803	1806	rBV2	65816	65357	8.24%	0.660%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071323\
Data File : BF134277.D
Acq On : 13 Jul 2023 23:53
Operator : CG\JU
Sample : 03358-04 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-4-(0-2)

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-BF062623.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	12.827	1820	1826	1831	rBV	347573	332296	41.90%	3.356%
38	12.874	1832	1834	1838	rVB2	14336	16661	2.10%	0.168%
39	12.968	1844	1850	1853	rBV	917057	766467	96.64%	7.742%
40	13.045	1859	1863	1867	rBV4	21394	33907	4.28%	0.342%
41	13.104	1871	1873	1875	rVV2	14926	12532	1.58%	0.127%
42	13.133	1875	1878	1880	rVV4	23064	31904	4.02%	0.322%
43	13.157	1880	1882	1886	rVB	49874	43879	5.53%	0.443%
44	13.198	1886	1889	1891	rBV3	17346	21470	2.71%	0.217%
45	13.221	1891	1893	1895	rVV	31575	28699	3.62%	0.290%
46	13.263	1896	1900	1903	rVB3	36900	50132	6.32%	0.506%
47	13.351	1913	1915	1918	rBV	19425	20166	2.54%	0.204%
48	13.386	1919	1921	1925	rVB3	19381	21791	2.75%	0.220%
49	13.474	1934	1936	1938	rVB	21932	17333	2.19%	0.175%
50	13.674	1967	1970	1974	rVB	42691	44736	5.64%	0.452%
51	13.780	1986	1988	1990	rBV2	30764	21639	2.73%	0.219%
52	13.833	1995	1997	2002	rBV2	25080	41783	5.27%	0.422%
53	13.886	2003	2006	2013	rBV5	60158	119565	15.08%	1.208%
54	14.033	2025	2031	2034	rBV2	530474	653268	82.37%	6.598%
55	14.063	2034	2036	2039	rVB	158408	123088	15.52%	1.243%
56	14.186	2054	2057	2061	rBV2	47199	68855	8.68%	0.695%
57	15.098	2208	2212	2215	rBV	162503	238214	30.03%	2.406%
58	15.409	2262	2265	2270	rVB	81334	98843	12.46%	0.998%
59	15.474	2273	2276	2282	rVB	119413	152658	19.25%	1.542%
60	15.539	2283	2287	2291	rBV	217836	302531	38.14%	3.056%

Sum of corrected areas: 9900377

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071323\
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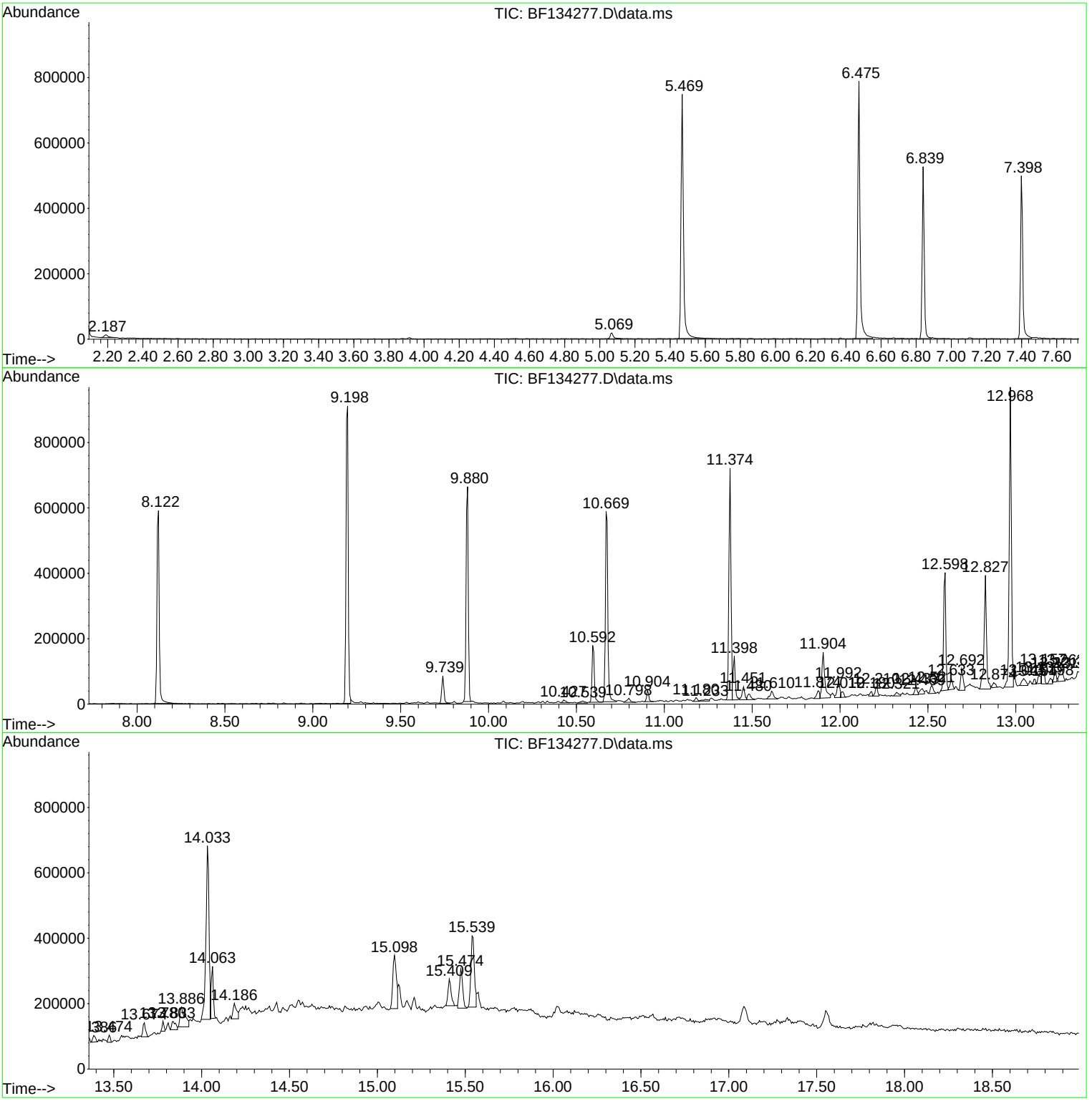
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-4-(0-2)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071323\
Data File : BF134277.D
Acq On : 13 Jul 2023 23:53
Operator : CG\JU
Sample : 03358-04 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-4-(0-2)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.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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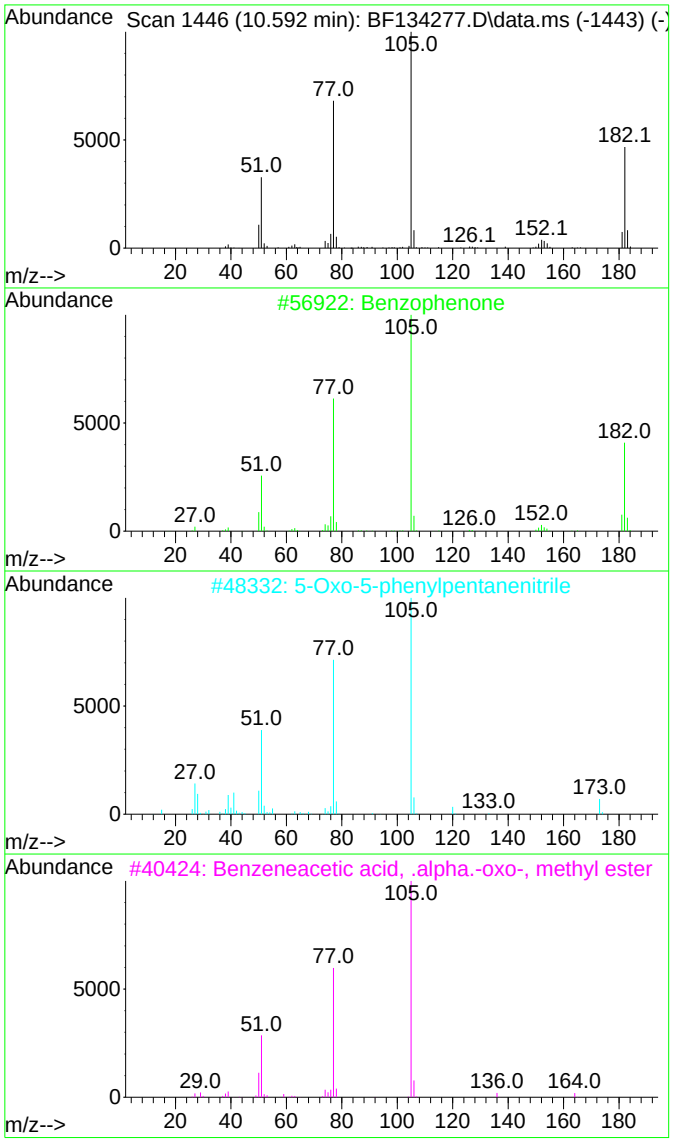
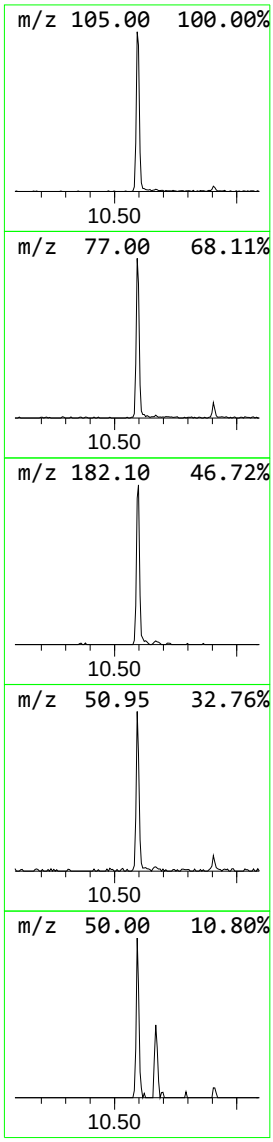
Peak Number 1 Benzophenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.592	5.65 ng	160449	Acenaphthene-d10	9.880

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	5-Oxo-5-phenylpentanenitrile	173	C11H11NO	1000486-83-7	50
3	Benzeneacetic acid, .alpha.-oxo-...	164	C9H8O3	015206-55-0	50
4	Benzenebutanoic acid, .gamma.-oxo-	178	C10H10O3	002051-95-8	50
5	Vinyl benzoate	148	C9H8O2	000769-78-8	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071323\
Data File : BF134277.D
Acq On : 13 Jul 2023 23:53
Operator : CG\JU
Sample : 03358-04 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-4-(0-2)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.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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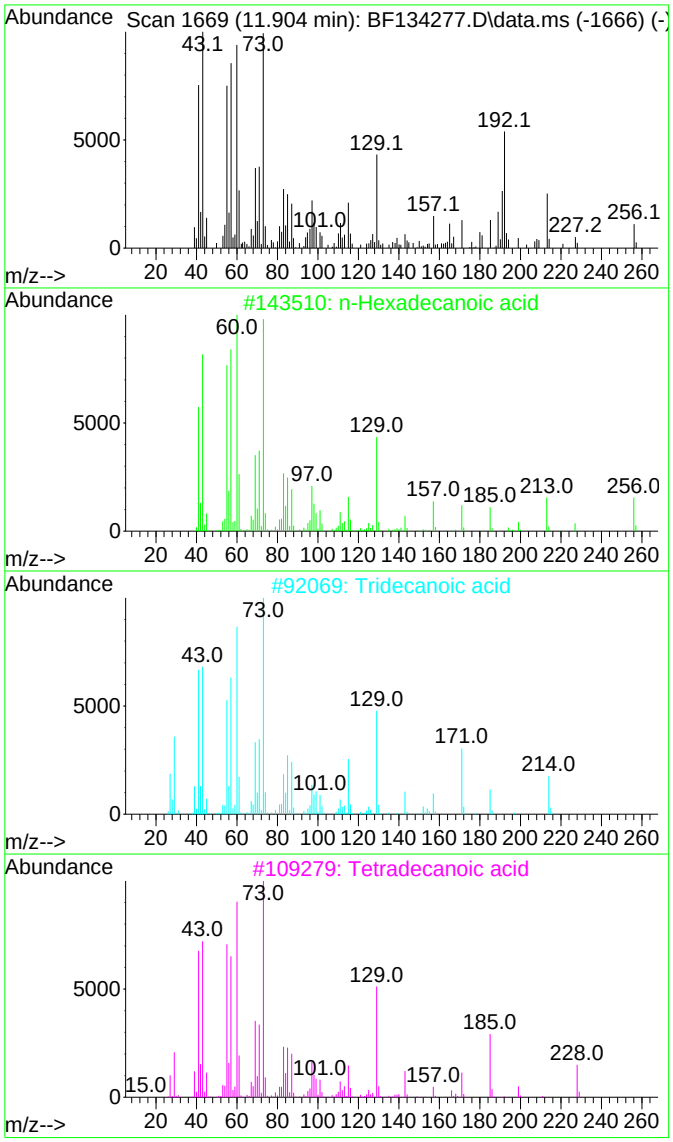
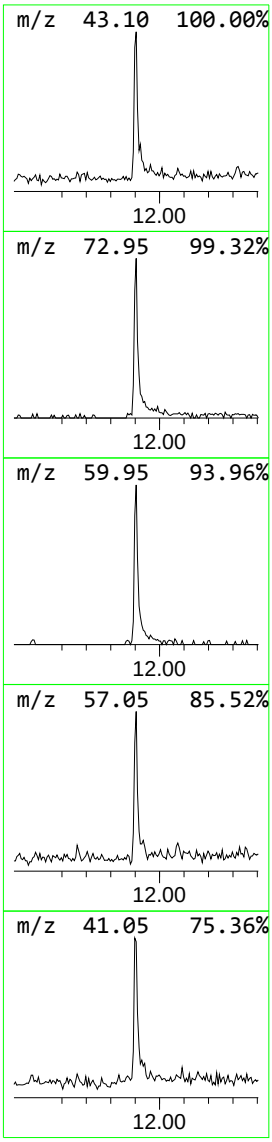
Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.904	5.61 ng	161782	Phenanthrene-d10	11.374

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	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	70
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	35





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071323\
Data File : BF134277.D
Acq On : 13 Jul 2023 23:53
Operator : CG\JU
Sample : 03358-04 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-4-(0-2)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.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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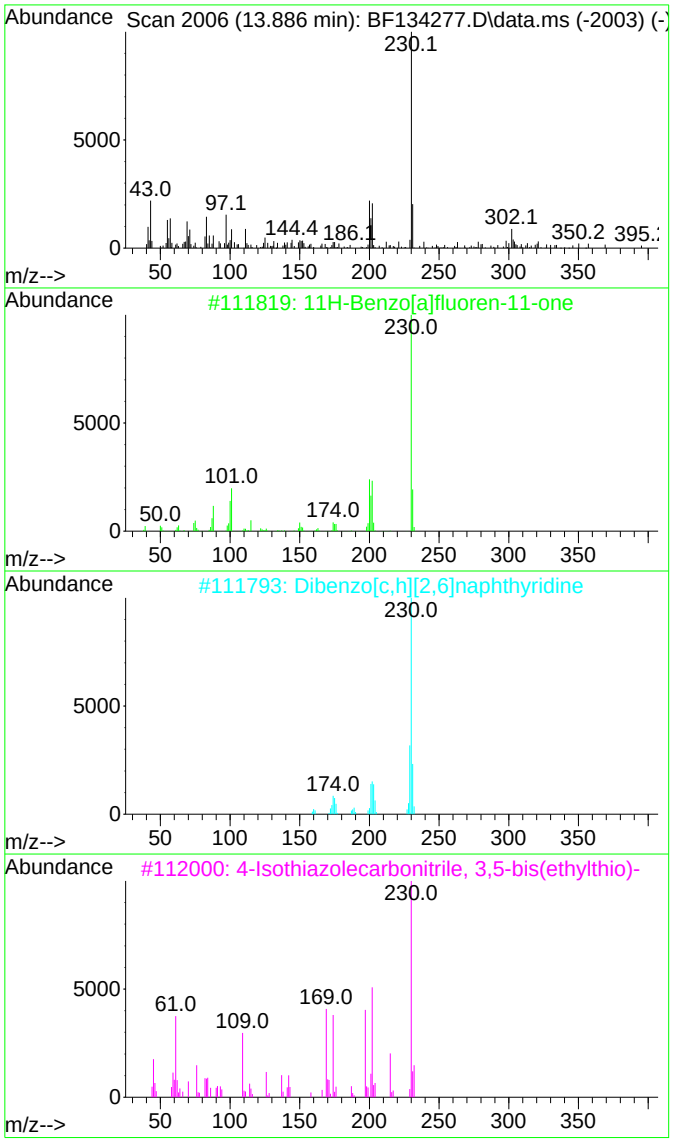
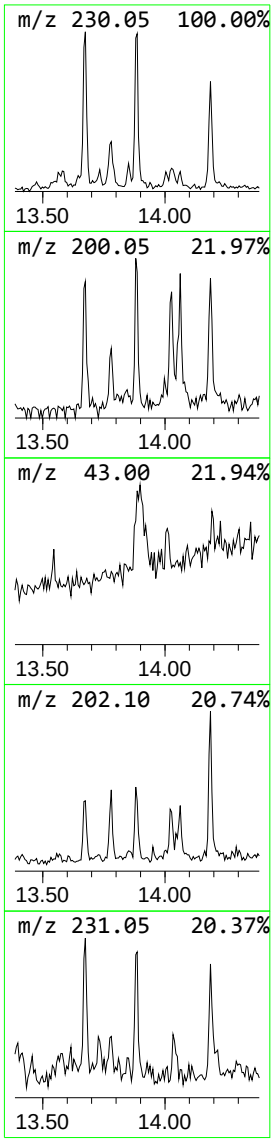
Peak Number 4 11H-Benzo[a]fluoren-11-one Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.886	3.66 ng	119565	Chrysene-d12	14.033

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	59
2	Dibenzo[c,h][2,6]naphthyridine	230	C16H10N2	000218-30-4	53
3	4-Isothiazolecarbonitrile, 3,5-b...	230	C8H10N2S3	024135-13-5	50
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	50
5	8-Hydroxyquinoline-5-carbaldehyd...	245	C13H15NO2Si	1010463-63-7	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071323\
Data File : BF134277.D
Acq On : 13 Jul 2023 23:53
Operator : CG\JU
Sample : 03358-04 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-4-(0-2)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.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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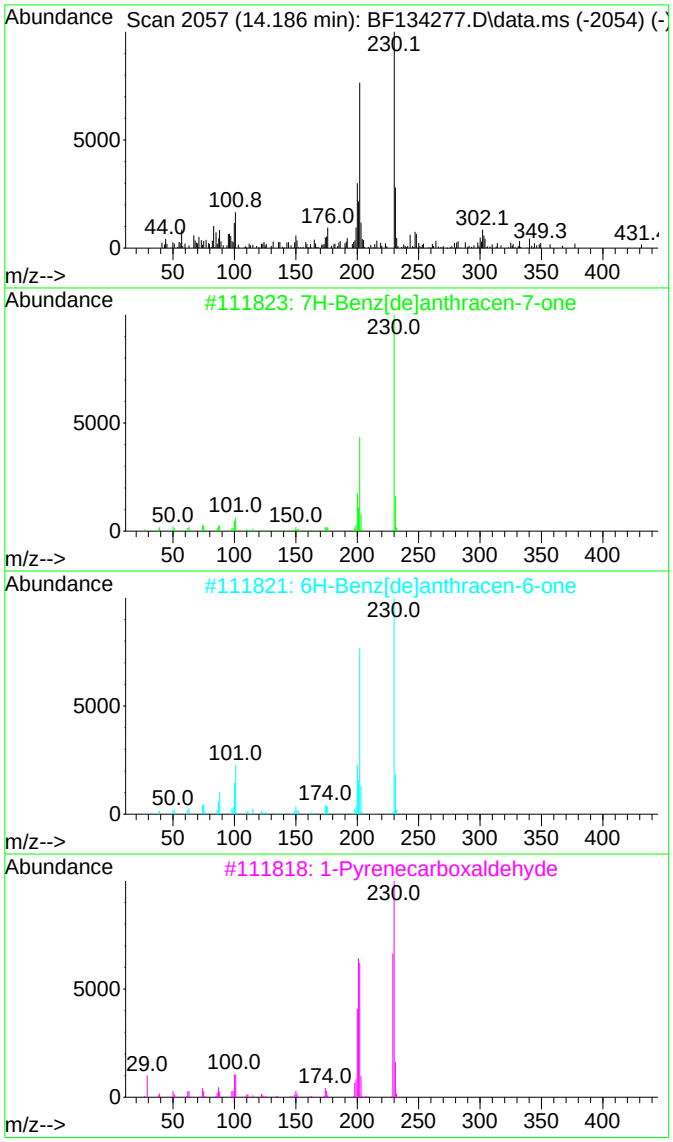
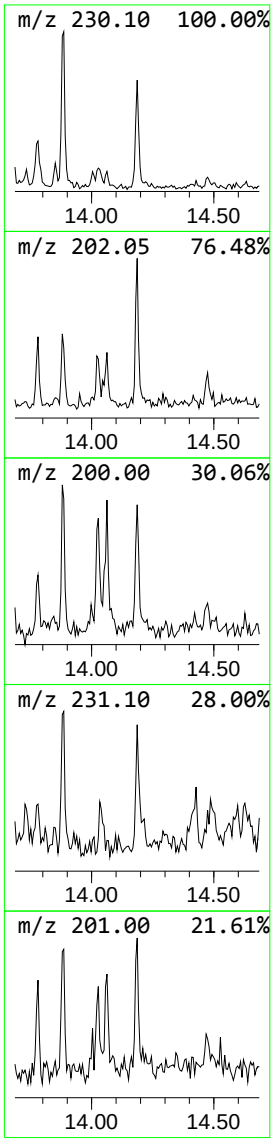
Peak Number 5 7H-Benz[de]anthracen-7-one Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.186	2.11 ng	68855	Chrysene-d12	14.033

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	94
2	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	91
3	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	62
4	5-Anthracen-9-ylmethylene-2-thio...	332	C19H12N2O2S	1000318-35-2	53
5	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	43





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Acq On : 13 Jul 2023 23:53
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Sample : 03358-04 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-4-(0-2)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.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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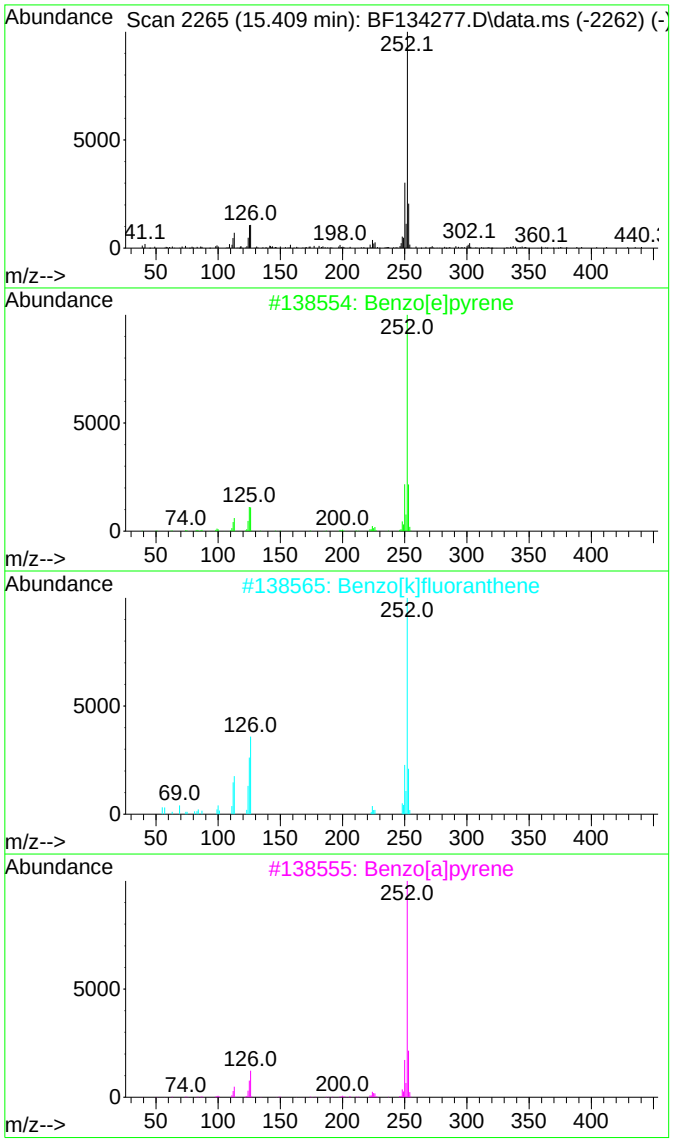
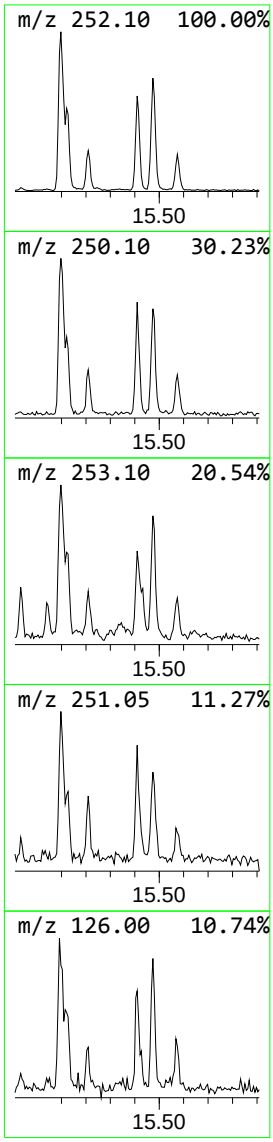
Peak Number 6 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.410	6.53 ng	98843	Perylene-d12	15.539

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
3	Benzo[a]pyrene	252	C20H12	000050-32-8	91
4	Perylene	252	C20H12	000198-55-0	90
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071323\
Data File : BF134277.D
Acq On : 13 Jul 2023 23:53
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Sample : 03358-04 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.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
Benzophenone	10.592	5.7	ng	160449	3	9.880	567958	20.0
n-Hexadecanoic ...	11.904	5.6	ng	161782	4	11.374	577040	20.0
11H-Benzo[a]flu...	13.886	3.7	ng	119565	5	14.033	653268	20.0
7H-Benz[de]anth...	14.186	2.1	ng	68855	5	14.033	653268	20.0
Benzo[e]pyrene	15.410	6.5	ng	98843	6	15.539	302531	20.0