LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051222\
Data File : BF128219.D
Acq On : 12 May 2022 15:11
Operator : CG\JU
Sample : N2802-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SHALLOW-WC-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-BF050922.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF128219.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.134	480	484	493	rVB	26061	33089	1.55%	0.195%
2	5.522	545	550	553	rBV	2020209	1822537	85.26%	10.741%
3	6.528	715	721	724	rBV	1833981	1873956	87.66%	11.044%
4	6.892	779	783	786	rBV	606249	462524	21.64%	2.726%
5	7.457	874	879	882	rBV	1258721	1276335	59.71%	7.522%
6	8.175	997	1001	1005	rBV	692962	582933	27.27%	3.435%
7	9.251	1179	1184	1187	rBV	2517593	2137656	100.00%	12.598%
8	9.933	1296	1300	1303	rBV	801178	639097	29.90%	3.766%
9	10.728	1431	1435	1438	rBV	1498341	1286208	60.17%	7.580%
10	11.427	1550	1554	1556	rBV	711099	624488	29.21%	3.680%
11	11.451	1556	1558	1561	rVV	315498	240405	11.25%	1.417%
12	11.498	1561	1566	1569	rVV	55654	54514	2.55%	0.321%
13	11.657	1589	1593	1599	rBV2	22186	32284	1.51%	0.190%
14	11.939	1635	1641	1642	rBV2	62523	95365	4.46%	0.562%
15	11.957	1642	1644	1649	rVB	75142	63815	2.99%	0.376%
16	12.039	1654	1658	1660	rVV2	80637	86064	4.03%	0.507%
17	12.063	1660	1662	1665	rVB	39397	31221	1.46%	0.184%
18	12.222	1686	1689	1692	rBV	34792	29036	1.36%	0.171%
19	12.251	1692	1694	1699	rVB	34138	31112	1.46%	0.183%
20	12.474	1728	1732	1734	rBV	37372	36402	1.70%	0.215%
21	12.569	1744	1748	1751	rBV	36682	42257	1.98%	0.249%
22	12.639	1756	1760	1764	rBV	506446	426262	19.94%	2.512%
23	12.874	1793	1800	1805	rBV	427818	475431	22.24%	2.802%
24	12.922	1805	1808	1812	rVB2	25707	28790	1.35%	0.170%
25	13.010	1819	1823	1827	rBV	1797831	1616220	75.61%	9.525%
26	13.086	1831	1836	1840	rBV2	33379	56943	2.66%	0.336%
27	13.174	1848	1851	1853	rBV3	29878	38599	1.81%	0.227%
28	13.198	1853	1855	1858	rVB	53952	45680	2.14%	0.269%
29	13.304	1869	1873	1876	rBV2	48525	55177	2.58%	0.325%
30	13.398	1886	1889	1891	rBV	29428	27773	1.30%	0.164%
31	13.710	1939	1942	1946	rVB	41832	39994	1.87%	0.236%
32	13.821	1956	1961	1963	rBV2	40733	49157	2.30%	0.290%
33	13.874	1967	1970	1974	rVV2	23966	41960	1.96%	0.247%
34	13.921	1974	1978	1987	rVB2	118226	214575	10.04%	1.265%
35	14.074	1995	2004	2006	rBV2	524482	689303	32.25%	4.062%
36	14.098	2006	2008	2015	rVB	217949	178241	8.34%	1.050%

LSC Area Percent Report

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Acq On : 12 May 2022 15:11
Operator : CG\JU
Sample : N2802-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SHALLOW-WC-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-BF050922.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	14.163	2015	2019	2020	rBV2	33855	33797	1.58%	0.199%
38	14.457	2066	2069	2072	rVB	48192	41654	1.95%	0.245%
39	15.127	2179	2183	2186	rBV	184687	264640	12.38%	1.560%
40	15.239	2199	2202	2205	rBV	38856	44806	2.10%	0.264%
41	15.439	2232	2236	2243	rVB	120086	149096	6.97%	0.879%
42	15.504	2243	2247	2252	rBV	161181	198630	9.29%	1.171%
43	15.574	2253	2259	2262	rBV	344619	472575	22.11%	2.785%
44	17.086	2510	2516	2524	rBV2	78604	161058	7.53%	0.949%
45	17.274	2544	2548	2554	rBV	15051	26122	1.22%	0.154%
46	17.551	2590	2595	2603	rVB2	56338	110589	5.17%	0.652%

Sum of corrected areas: 16968370

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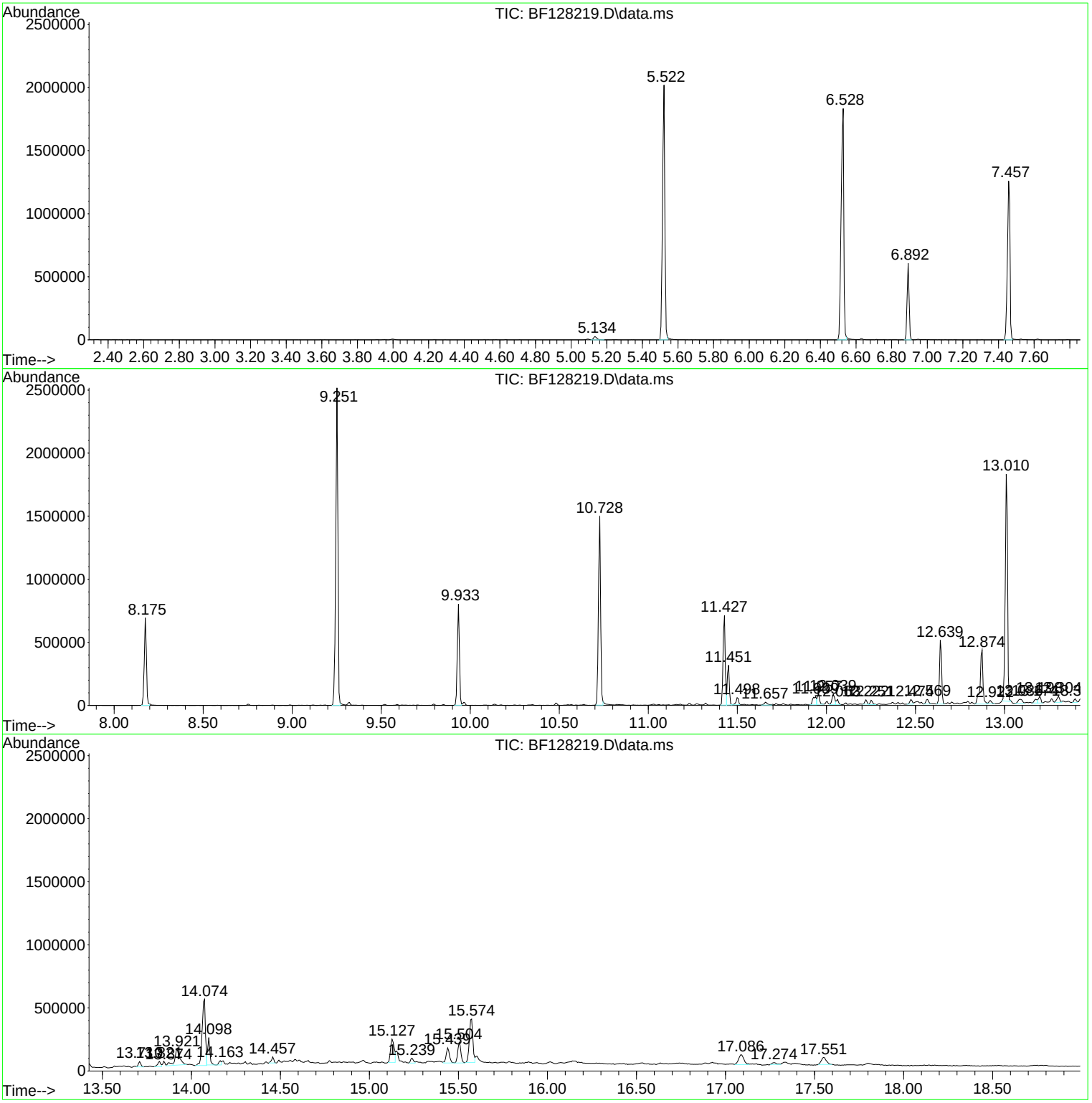
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SHALLOW-WC-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.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\BF051222\
Data File : BF128219.D
Acq On : 12 May 2022 15:11
Operator : CG\JU
Sample : N2802-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SHALLOW-WC-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

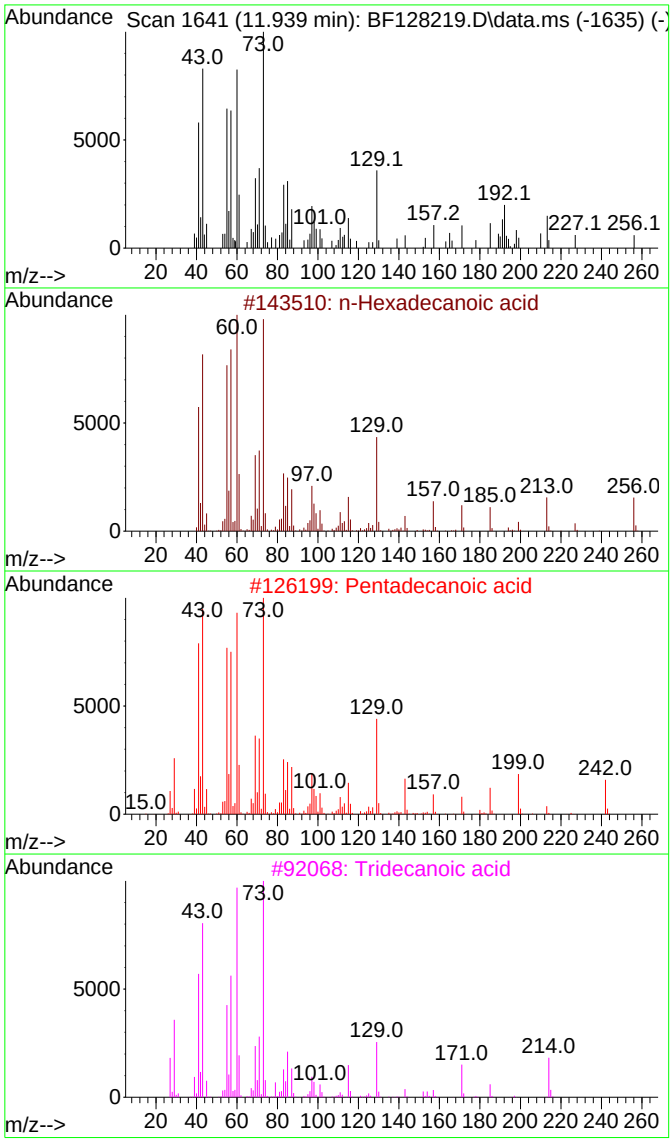
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

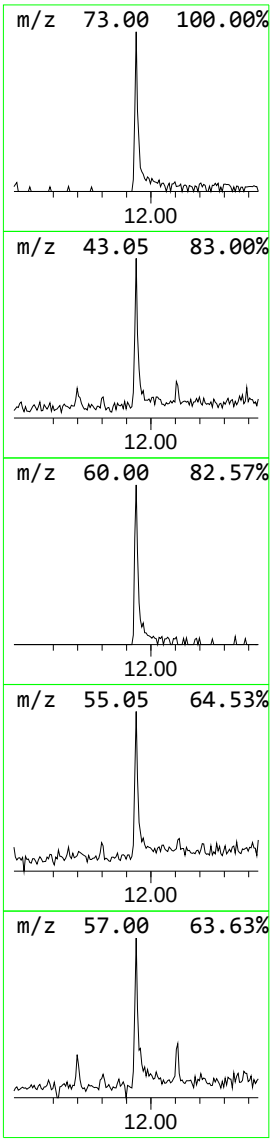
****

Peak Number 1 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.939	3.05 ng	95365	Phenanthrene-d10	11.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
3	Tridecanoic acid	214	C13H26O2	000638-53-9	76
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5	Dodecanoic acid	200	C12H24O2	000143-07-7	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051222\
Data File : BF128219.D
Acq On : 12 May 2022 15:11
Operator : CG\JU
Sample : N2802-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SHALLOW-WC-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.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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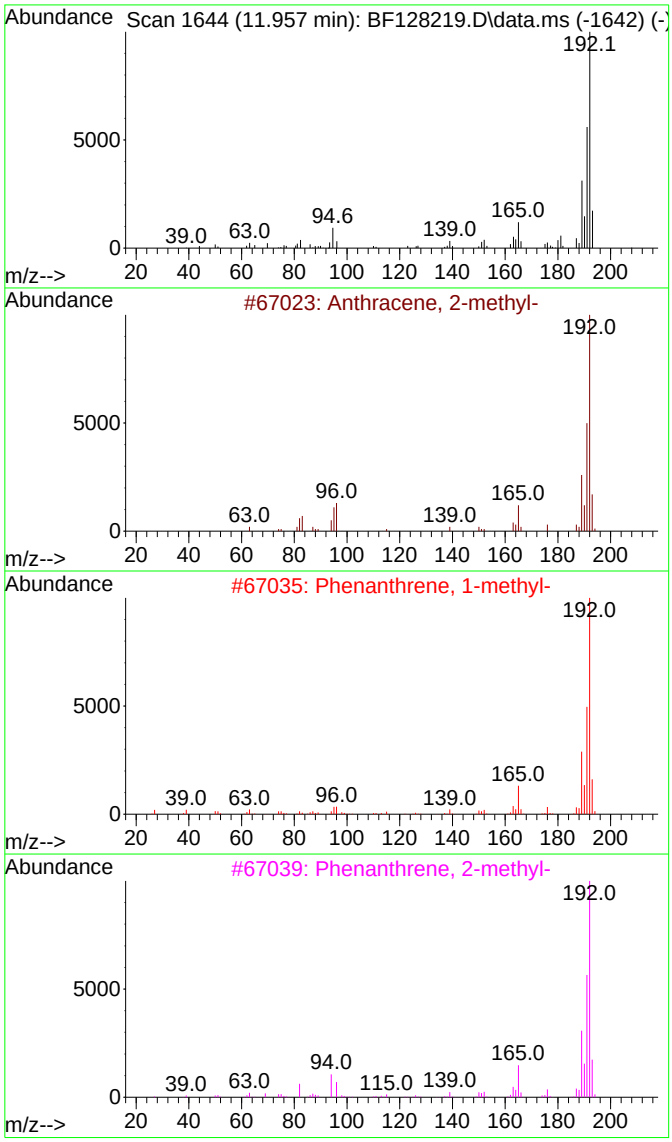
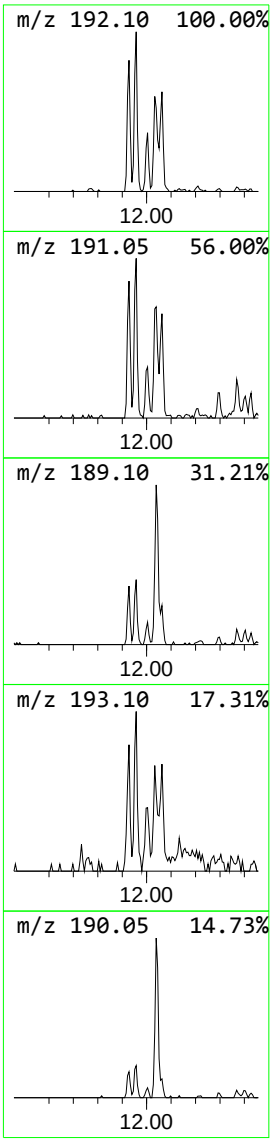
Peak Number 2 Anthracene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.957	2.04 ng	63815	Phenanthrene-d10	11.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051222\
Data File : BF128219.D
Acq On : 12 May 2022 15:11
Operator : CG\JU
Sample : N2802-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SHALLOW-WC-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.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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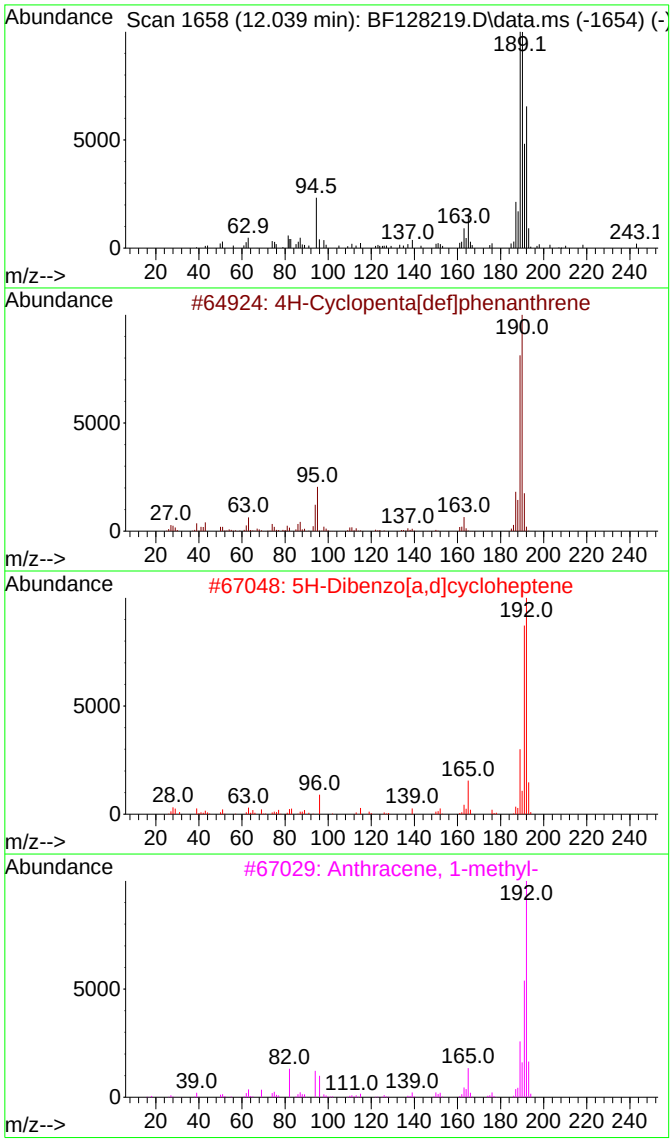
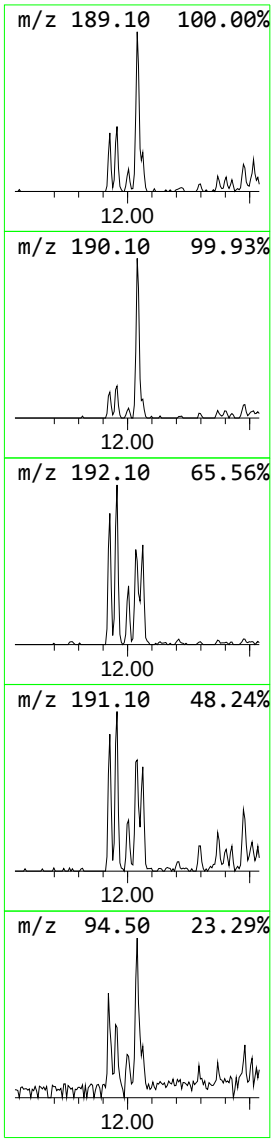
Peak Number 3 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.039	2.76 ng	86064	Phenanthrene-d10	11.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
2	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	38
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	38
4	1a,9b-Dihydro-1H-cyclopropa[a]an...	192	C15H12	006109-24-6	38
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	30





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051222\
Data File : BF128219.D
Acq On : 12 May 2022 15:11
Operator : CG\JU
Sample : N2802-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SHALLOW-WC-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.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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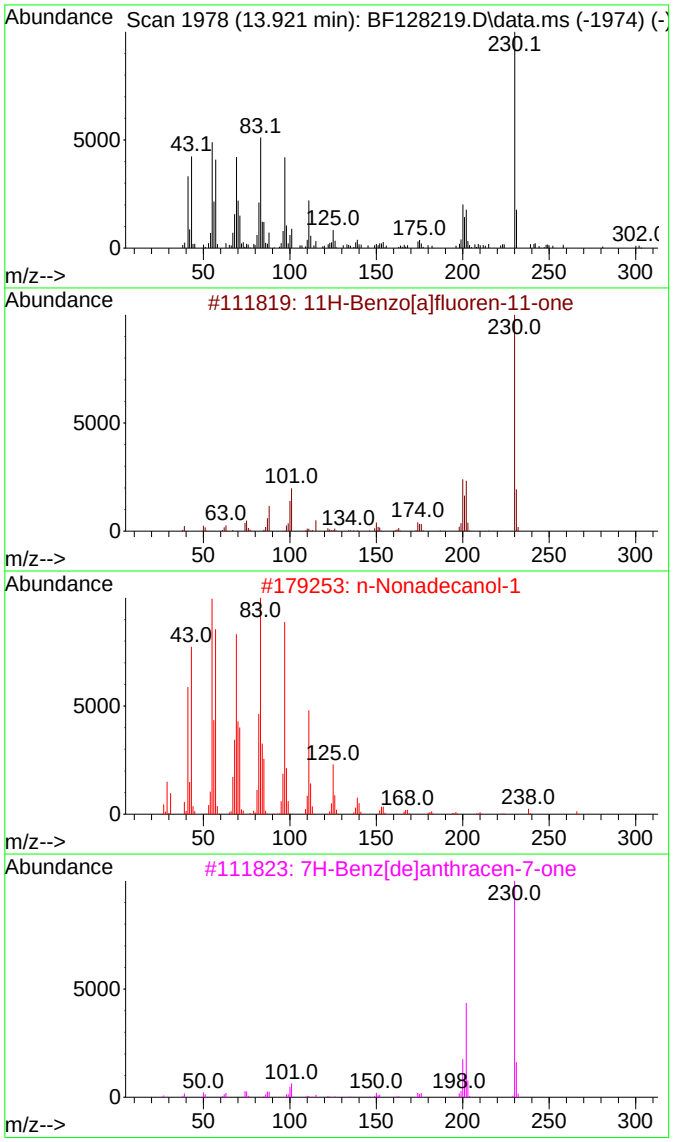
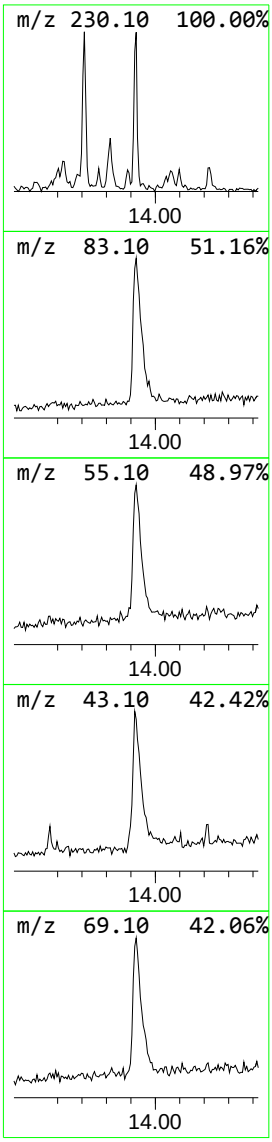
Peak Number 4 11H-Benzo[a]fluoren-11-one Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.921	6.23 ng	214575	Chrysene-d12	14.074

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	64
2	n-Nonadecanol-1	284	C19H40O	001454-84-8	46
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	41
4	1-Octadecanol, methyl ether	284	C19H40O	1000406-29-3	38
5	Behenic alcohol	326	C22H46O	000661-19-8	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051222\
Data File : BF128219.D
Acq On : 12 May 2022 15:11
Operator : CG\JU
Sample : N2802-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SHALLOW-WC-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

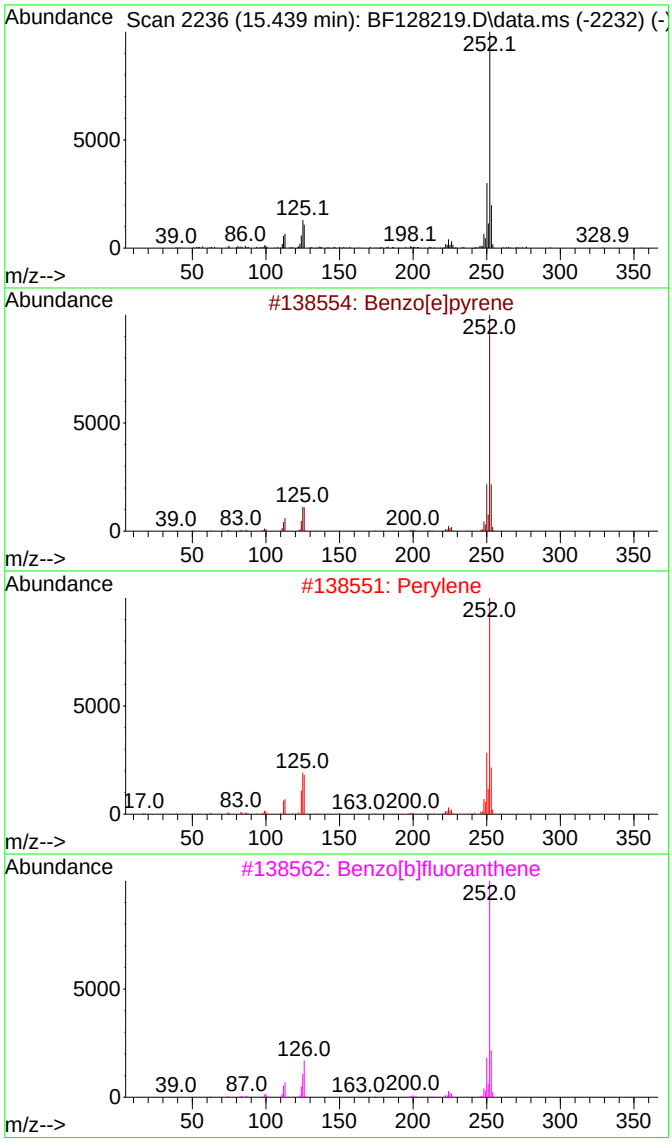
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

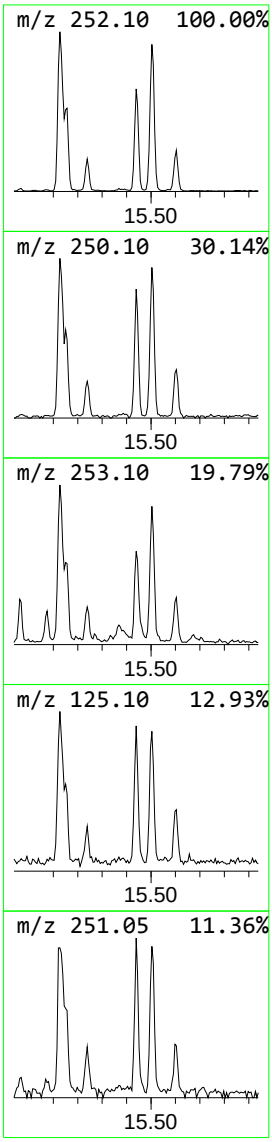
****

Peak Number 5 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.439	6.31 ng	149096	Perylene-d12	15.574

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Perylene	252	C20H12	000198-55-0	95
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	94
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	93
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051222\
Data File : BF128219.D
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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.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 ...	11.939	3.0	ng	95365	4	11.428	624488	20.0
Anthracene, 2-m...	11.957	2.0	ng	63815	4	11.428	624488	20.0
4H-Cyclopenta[d...	12.039	2.8	ng	86064	4	11.428	624488	20.0
11H-Benzo[a]flu...	13.921	6.2	ng	214575	5	14.074	689303	20.0
Benzo[e]pyrene	15.439	6.3	ng	149096	6	15.574	472575	20.0