LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080223\
Data File : BF134576.D
Acq On : 02 Aug 2023 12:58
Operator : CG\JU
Sample : 03686-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-21-0-2-20230719

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-BF080123.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF134576.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.422	562	567	570	rVB	3541411	3206073	100.00%	12.475%
2	6.422	732	737	740	rBV	3007023	3161088	98.60%	12.300%
3	6.622	768	771	776	rBV	114719	97120	3.03%	0.378%
4	6.792	797	800	804	rBV	1303734	1147905	35.80%	4.467%
5	6.857	807	811	815	rBV3	33705	34291	1.07%	0.133%
6	7.351	891	895	898	rBV	2078051	1909611	59.56%	7.430%
7	8.075	1013	1018	1021	rBV	1651319	1362696	42.50%	5.302%
8	9.151	1197	1201	1204	rVB	3591727	2912667	90.85%	11.333%
9	9.269	1219	1221	1225	rVB	51251	40115	1.25%	0.156%
10	9.686	1289	1292	1296	rBV	47566	36291	1.13%	0.141%
11	9.828	1312	1316	1319	rVB	1418570	1086420	33.89%	4.227%
12	10.616	1446	1450	1453	rBV	1498926	1361757	42.47%	5.299%
13	10.745	1468	1472	1479	rVB5	22680	35747	1.11%	0.139%
14	11.316	1565	1569	1571	rBV	1223360	1048661	32.71%	4.080%
15	11.339	1571	1573	1576	rVV	188774	145289	4.53%	0.565%
16	11.386	1579	1581	1584	rVB	72547	56962	1.78%	0.222%
17	11.816	1651	1654	1656	rBV	60484	50113	1.56%	0.195%
18	11.851	1656	1660	1664	rVV2	315316	339487	10.59%	1.321%
19	11.886	1664	1666	1670	rVB2	71293	66219	2.07%	0.258%
20	11.927	1670	1673	1675	rBV	67225	66222	2.07%	0.258%
21	12.116	1702	1705	1707	rBV	38268	36935	1.15%	0.144%
22	12.369	1745	1748	1751	rBV2	44845	41841	1.31%	0.163%
23	12.451	1760	1762	1767	rVB2	37996	42097	1.31%	0.164%
24	12.527	1771	1775	1779	rBV	658971	522084	16.28%	2.031%
25	12.580	1781	1784	1789	rVB4	36422	41124	1.28%	0.160%
26	12.639	1792	1794	1799	rVB3	74472	71777	2.24%	0.279%
27	12.757	1806	1814	1817	rBV	564680	551479	17.20%	2.146%
28	12.910	1836	1840	1843	rBV	3229690	2672490	83.36%	10.399%
29	12.980	1846	1852	1855	rBV3	48063	75143	2.34%	0.292%
30	13.086	1868	1870	1874	rVB	80730	67910	2.12%	0.264%
31	13.151	1879	1881	1884	rVV	73687	65411	2.04%	0.255%
32	13.192	1884	1888	1890	rBV2	62023	57000	1.78%	0.222%
33	13.498	1937	1940	1945	rVB3	48298	57477	1.79%	0.224%
34	13.592	1954	1956	1965	rVB	42394	47413	1.48%	0.184%
35	13.704	1971	1975	1978	rBV2	52823	68453	2.14%	0.266%
36	13.821	1989	1995	2000	rBV2	242669	298260	9.30%	1.161%

LSC Area Percent Report

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Misc :
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Instrument :
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SB-21-0-2-20230719

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
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Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	13.957	2013	2018	2021	rBV2	1027558	1115061	34.78%	4.339%
38	13.986	2021	2023	2025	rVB	210266	161467	5.04%	0.628%
39	14.063	2034	2036	2040	rBV2	34868	44404	1.38%	0.173%
40	14.145	2048	2050	2053	rBV2	52605	43144	1.35%	0.168%
41	14.457	2098	2103	2107	rBV6	62163	126808	3.96%	0.493%
42	14.833	2165	2167	2173	rVB	50358	55726	1.74%	0.217%
43	14.992	2191	2194	2198	rBV	179899	270378	8.43%	1.052%
44	15.104	2210	2213	2216	rBV2	81474	80795	2.52%	0.314%
45	15.298	2243	2246	2252	rVB	111390	129226	4.03%	0.503%
46	15.357	2253	2256	2260	rVB	151181	166569	5.20%	0.648%
47	15.421	2263	2267	2271	rBV	523206	624760	19.49%	2.431%

Sum of corrected areas: 25699966

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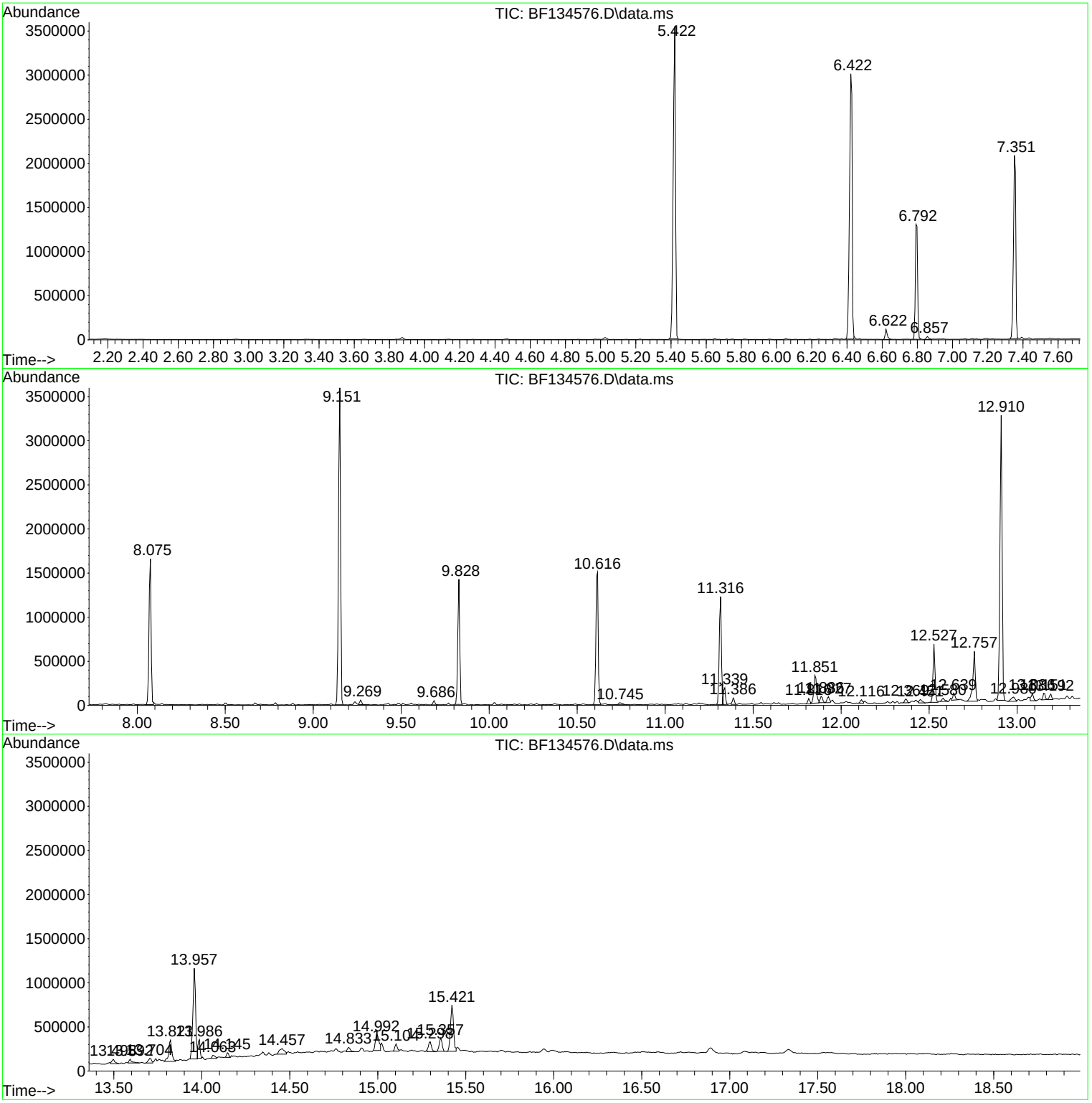
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.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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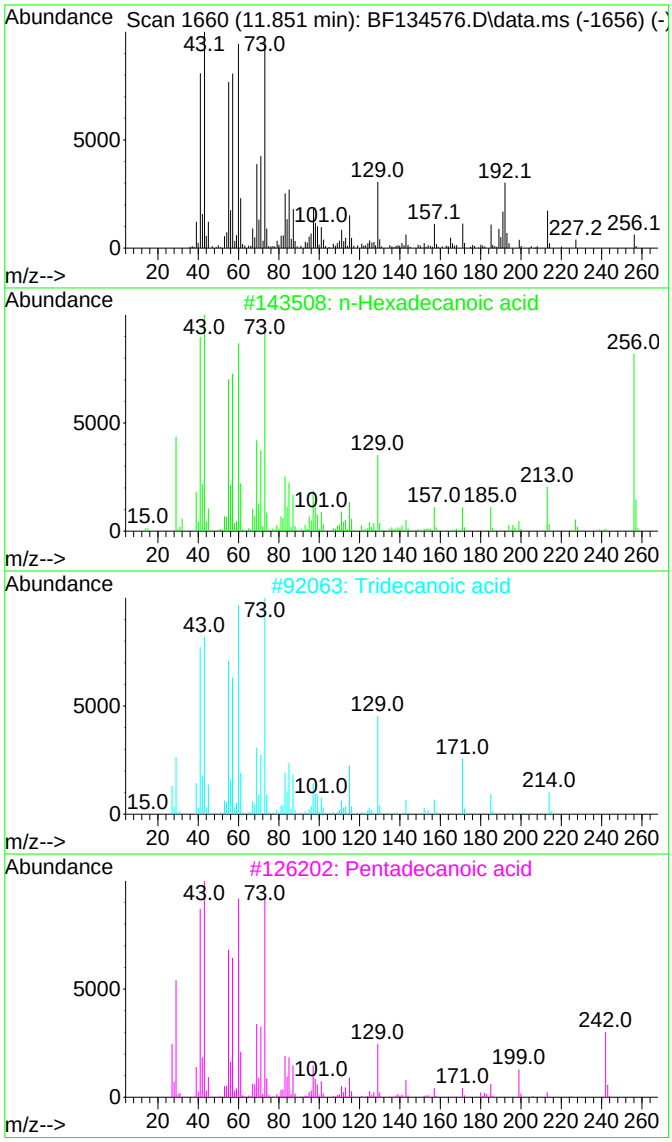
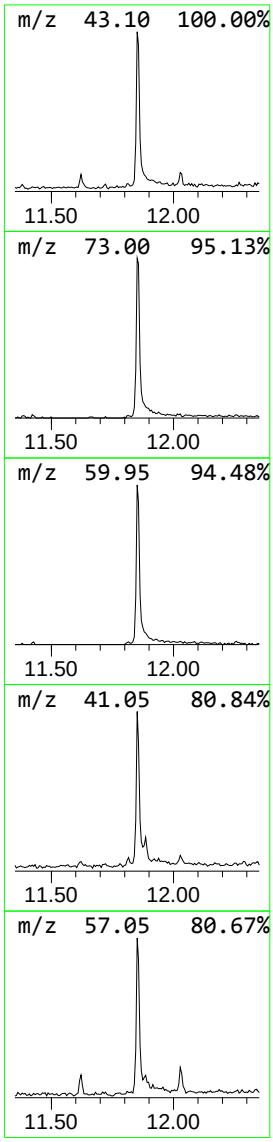
Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.851	6.47 ng	339487	Phenanthrene-d10	11.316

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	95
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	74
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	74
5	n-Decanoic acid	172	C10H20O2	000334-48-5	52





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Sample : 03686-01
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Instrument :
BNA_F
ClientSampleId :
SB-21-0-2-20230719

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.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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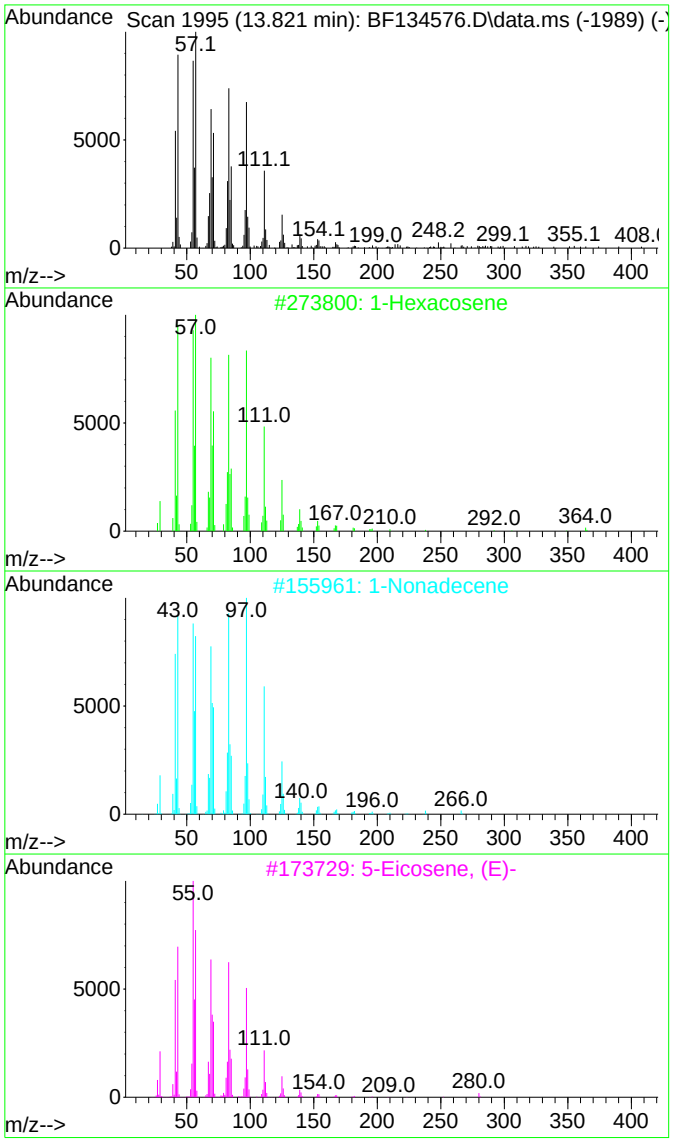
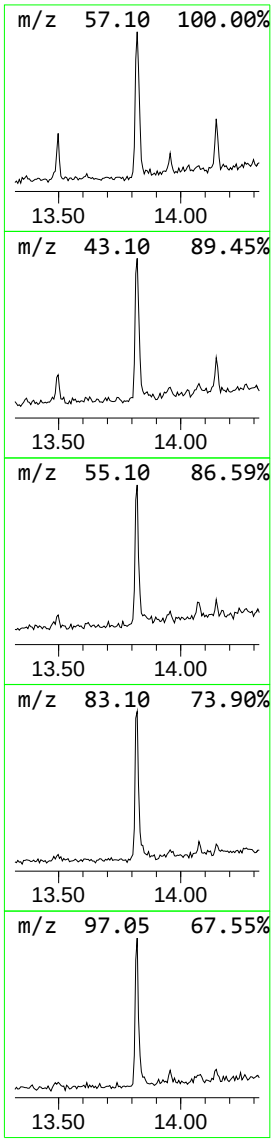
Peak Number 2 1-Hexacosene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.821	5.35 ng	298260	Chrysene-d12	13.957

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexacosene	364	C26H52	018835-33-1	99
2	1-Nonadecene	266	C19H38	018435-45-5	96
3	5-Eicosene, (E)-	280	C20H40	074685-30-6	95
4	Z-5-Nonadecene	266	C19H38	1000131-11-8	95
5	1-Docosene	308	C22H44	001599-67-3	95





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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.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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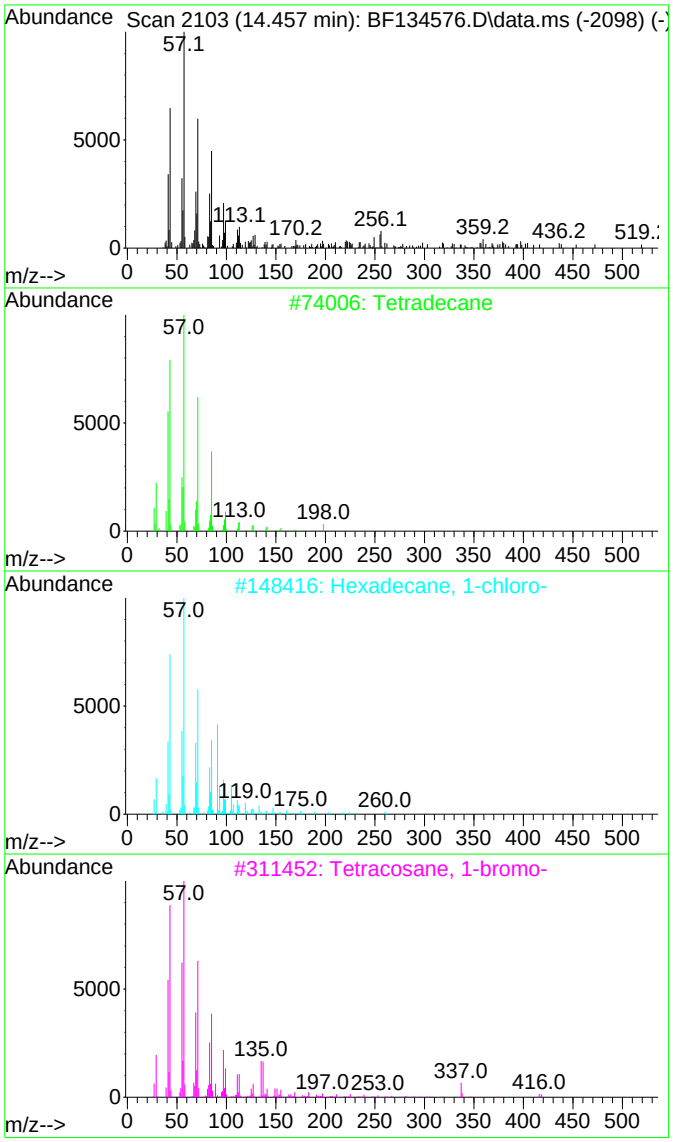
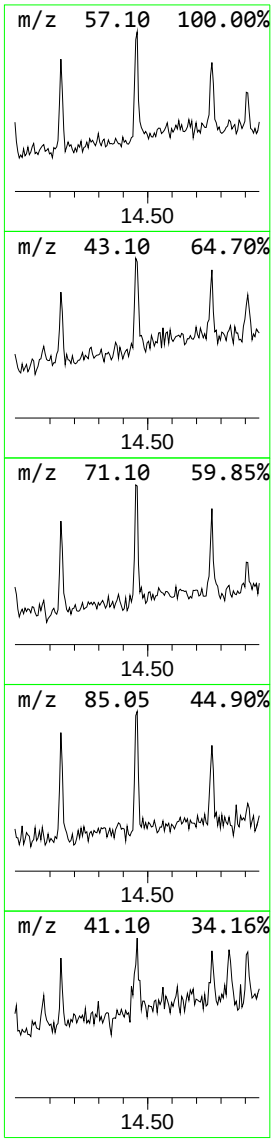
Peak Number 3 Tetradecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.457	2.27 ng	126808	Chrysene-d12	13.957

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	91
2	Hexadecane, 1-chloro-	260	C16H33Cl	004860-03-1	91
3	Tetracosane, 1-bromo-	416	C24H49Br	006946-24-3	91
4	Carbonic acid, hexadecyl prop-1-...	326	C20H38O3	1000382-90-3	87
5	Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	87





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ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.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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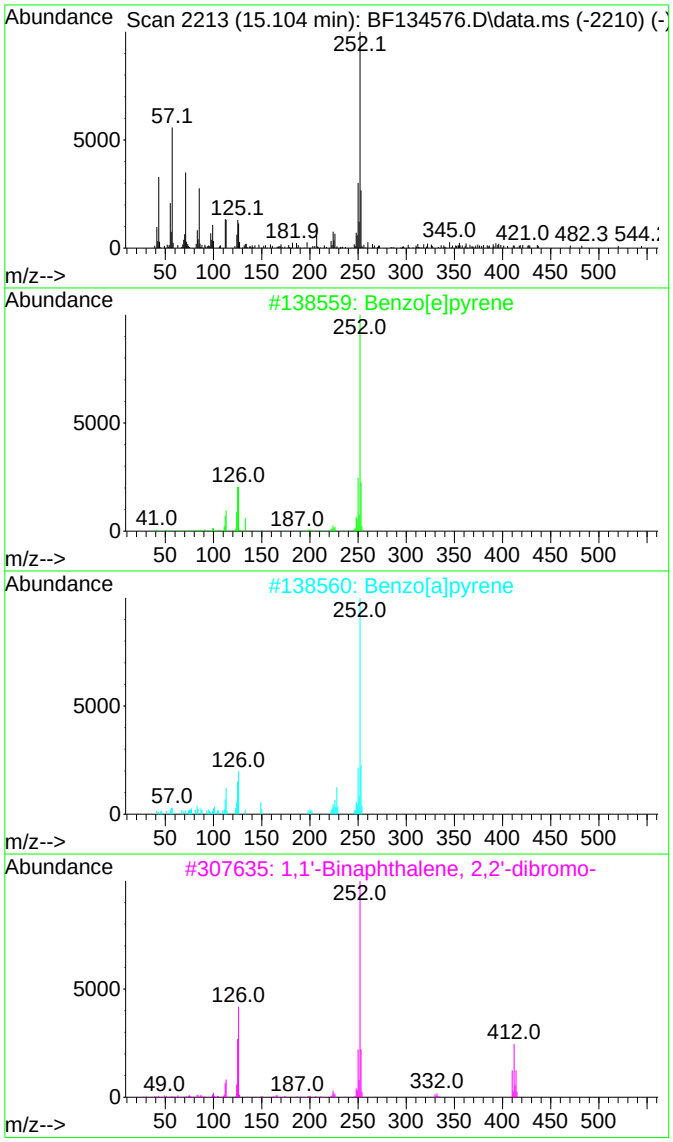
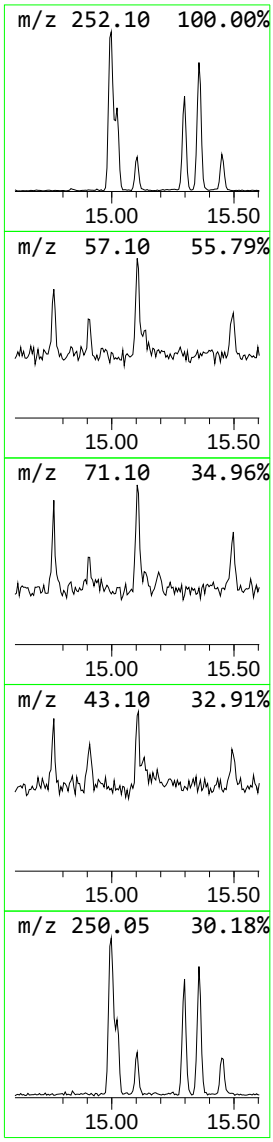
Peak Number 4 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.104	2.59 ng	80795	Perylene-d12	15.421

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	83
2	Benzo[a]pyrene	252	C20H12	000050-32-8	83
3	1,1'-Binaphthalene, 2,2'-dibromo-	410	C20H12Br2	074866-28-7	72
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	64
5	Perylene	252	C20H12	000198-55-0	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080223\
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Sample : 03686-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-21-0-2-20230719

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.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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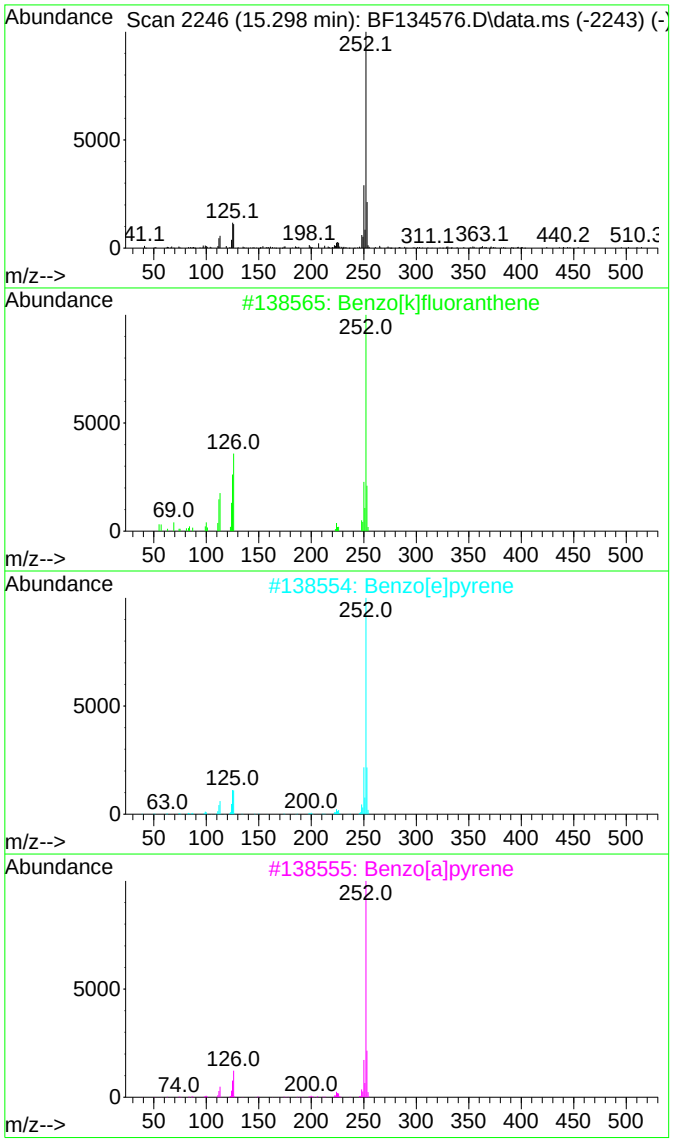
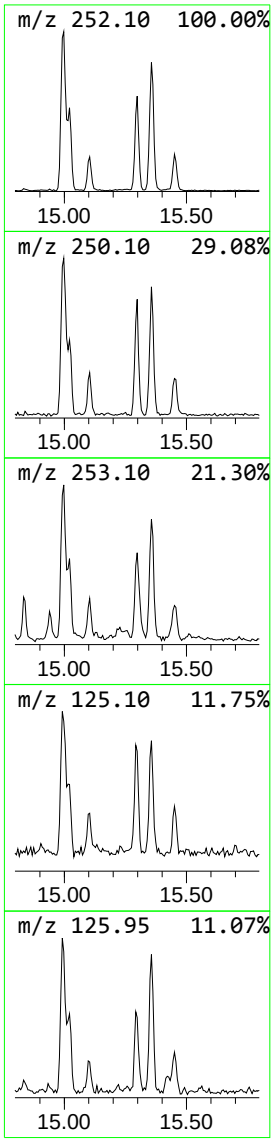
Peak Number 5 Benzo[j]fluoranthene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.298	4.14 ng	129226	Perylene-d12	15.421

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	94
2	Benzo[e]pyrene	252	C20H12	000192-97-2	94
3	Benzo[a]pyrene	252	C20H12	000050-32-8	93
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	89
5	Perylene	252	C20H12	000198-55-0	76





Tentatively Identified Compound (LSC) summary

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.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 ...	11.851	6.5	ng	339487	4	11.316	1048660	20.0
1-Hexacosene	13.821	5.3	ng	298260	5	13.957	1115060	20.0
Tetradecane	14.457	2.3	ng	126808	5	13.957	1115060	20.0
Benzo[e]pyrene	15.104	2.6	ng	80795	6	15.421	624760	20.0
Benzo[j]fluoran...	15.298	4.1	ng	129226	6	15.421	624760	20.0