LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071423\
Data File : BF134312.D
Acq On : 15 Jul 2023 03:41
Operator : CG\JU
Sample : 03597-10
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RB-46-(2-5)

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

Signal : TIC: BF134312.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.081	506	509	518	rVB2	20723	26382	1.55%	0.192%
2	5.469	572	575	594	rBV	1409581	1475738	86.78%	10.757%
3	6.475	742	746	766	rBV	1529186	1499383	88.18%	10.929%
4	6.675	776	780	789	rBV	18628	33142	1.95%	0.242%
5	6.840	805	808	816	rBV	587471	469373	27.60%	3.421%
6	7.404	900	904	915	rBV	1112703	974286	57.30%	7.102%
7	8.122	1022	1026	1032	rBV	634272	597129	35.12%	4.353%
8	9.198	1205	1209	1212	rBV	2120235	1700458	100.00%	12.395%
9	9.310	1225	1228	1235	rVB	24011	24014	1.41%	0.175%
10	9.881	1321	1325	1328	rBV	732572	629591	37.02%	4.589%
11	10.675	1456	1460	1470	rBV	1124823	1123014	66.04%	8.186%
12	11.375	1575	1579	1581	rBV	741266	627797	36.92%	4.576%
13	11.398	1581	1583	1588	rVV	169552	144124	8.48%	1.051%
14	11.439	1588	1590	1594	rVB3	22796	29650	1.74%	0.216%
15	11.610	1615	1619	1623	rBV2	16756	22117	1.30%	0.161%
16	11.904	1666	1669	1676	rBV2	170072	169901	9.99%	1.238%
17	11.992	1680	1684	1686	rBV	24425	26774	1.57%	0.195%
18	12.204	1718	1720	1726	rBV	28729	27731	1.63%	0.202%
19	12.592	1782	1786	1791	rBV	255066	236126	13.89%	1.721%
20	12.692	1800	1803	1807	rBV2	35818	37740	2.22%	0.275%
21	12.733	1807	1810	1816	rVV4	13821	28288	1.66%	0.206%
22	12.827	1820	1826	1831	rVV	222550	248068	14.59%	1.808%
23	12.874	1831	1834	1840	rVB3	14864	20975	1.23%	0.153%
24	12.969	1846	1850	1859	rVB	1731300	1474794	86.73%	10.750%
25	13.045	1859	1863	1867	rBV4	16397	26107	1.54%	0.190%
26	13.133	1875	1878	1880	rBV4	17903	23844	1.40%	0.174%
27	13.157	1880	1882	1886	rVB	25076	23416	1.38%	0.171%
28	13.263	1896	1900	1904	rVB2	25347	28652	1.68%	0.209%
29	13.674	1967	1970	1973	rVB	27176	26639	1.57%	0.194%
30	13.780	1982	1988	1991	rBV2	28285	41365	2.43%	0.302%
31	13.904	2002	2009	2024	rBV6	43654	179348	10.55%	1.307%
32	14.033	2024	2031	2034	rVV2	574032	655040	38.52%	4.775%
33	14.063	2034	2036	2044	rVB	121824	121950	7.17%	0.889%
34	14.192	2055	2058	2064	rBV8	18561	37397	2.20%	0.273%
35	14.427	2093	2098	2101	rVB	24638	27009	1.59%	0.197%
36	14.498	2107	2110	2115	rBV5	22852	29494	1.73%	0.215%

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	15.098	2207	2212	2215	rBV	90876	144360	8.49%	1.052%
38	15.210	2228	2231	2235	rVB	19658	20658	1.21%	0.151%
39	15.410	2260	2265	2272	rVB	56193	78272	4.60%	0.571%
40	15.474	2272	2276	2282	rBV	73173	90918	5.35%	0.663%
41	15.539	2282	2287	2300	rBV	294288	418129	24.59%	3.048%
42	17.086	2545	2550	2557	rVB2	28191	52483	3.09%	0.383%
43	17.551	2625	2629	2639	rVB2	19945	47108	2.77%	0.343%

Sum of corrected areas: 13718784

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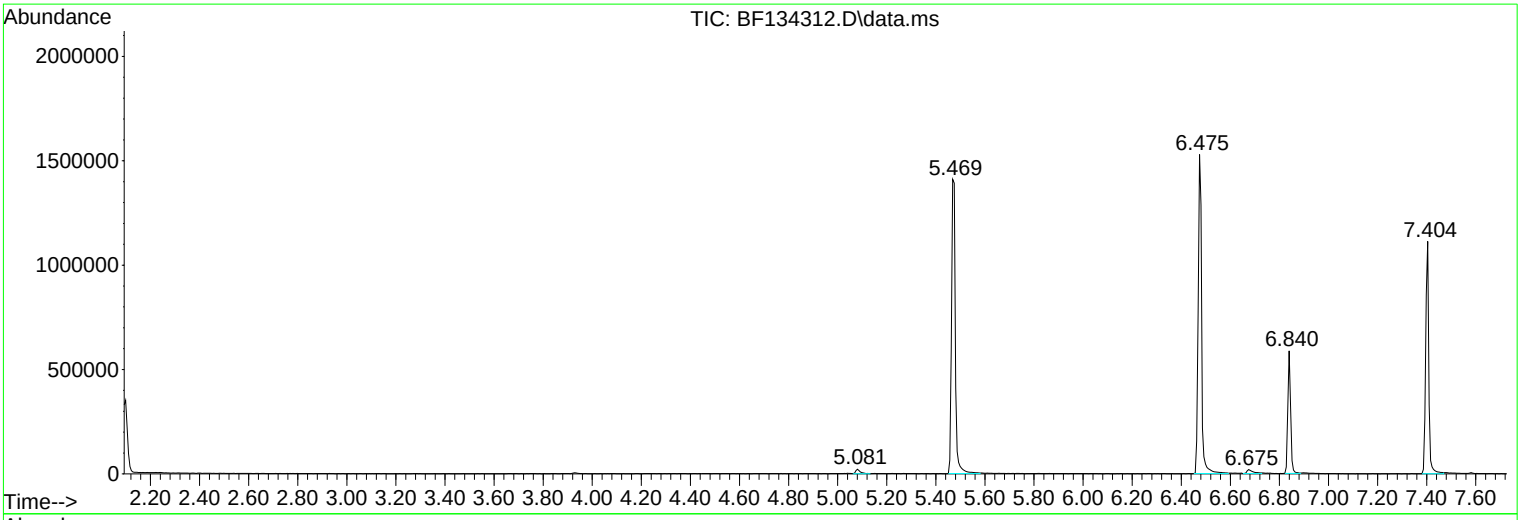
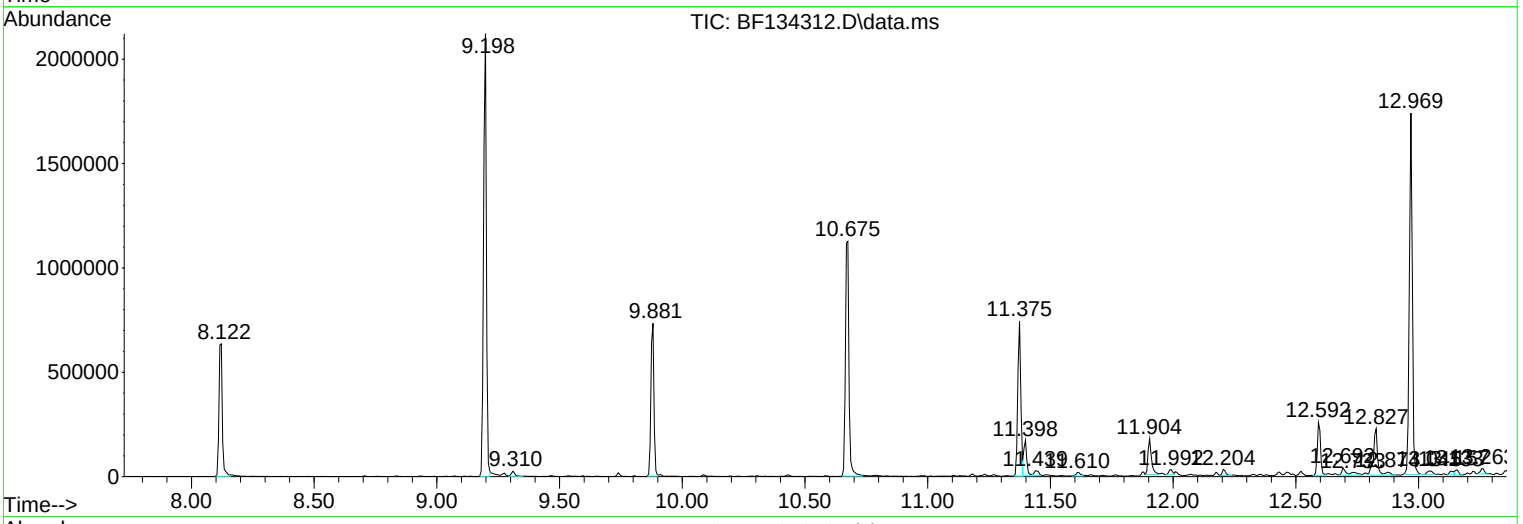
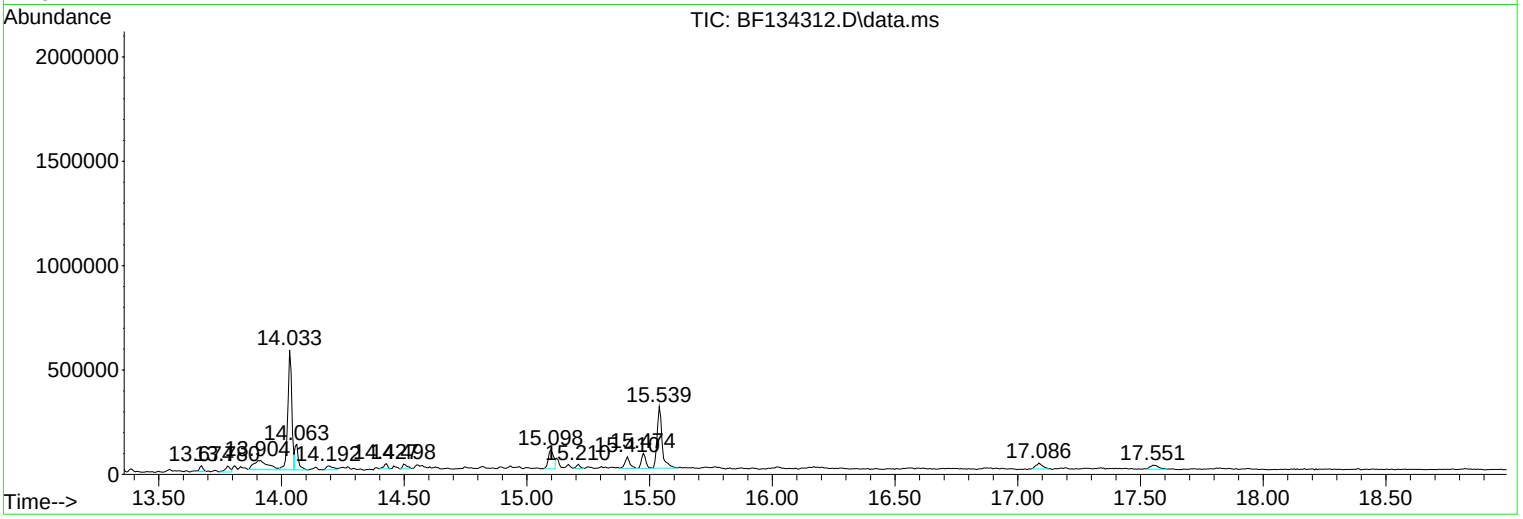
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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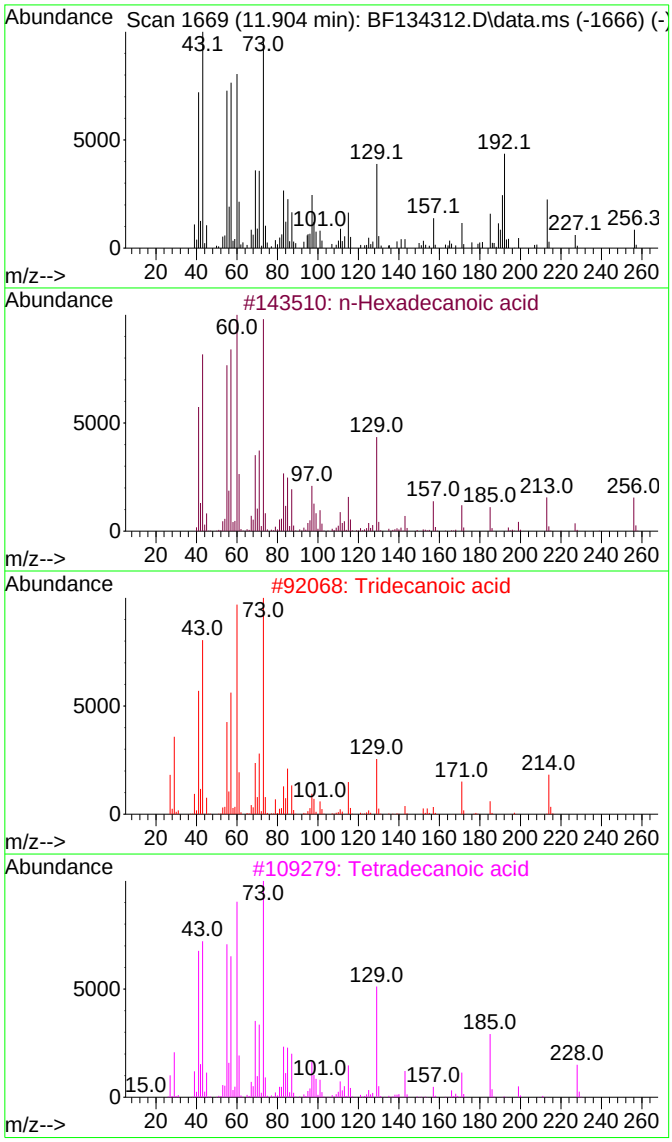
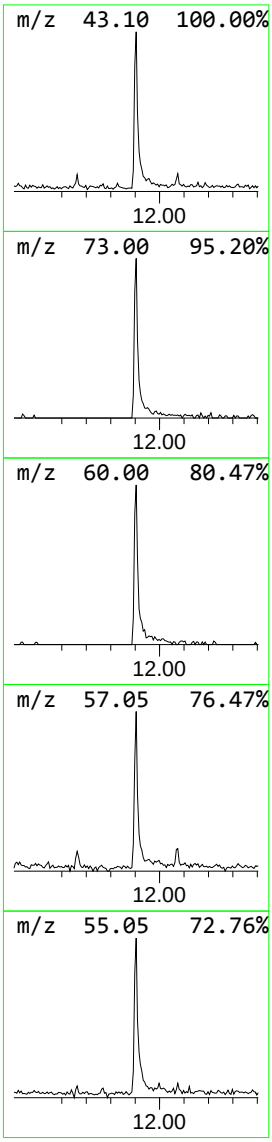
Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.904	5.41 ng	169901	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	90
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	64
5	1-(p-Toluidino)-1-deoxy-.beta.-d...	269	C13H19NO5	1000226-06-4	27





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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

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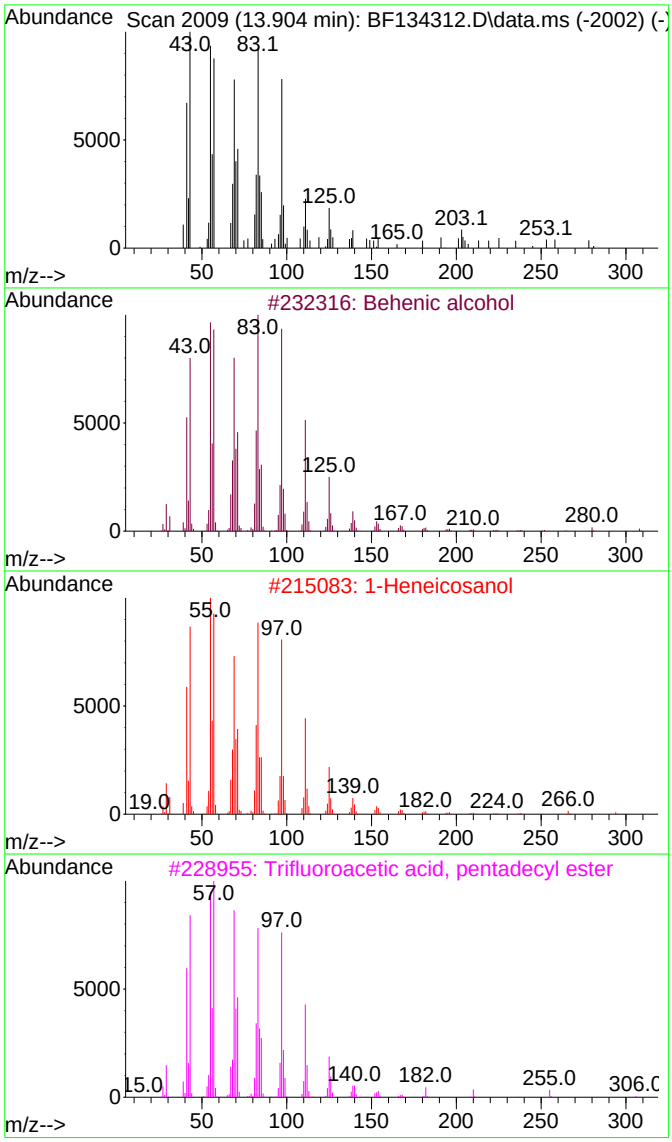
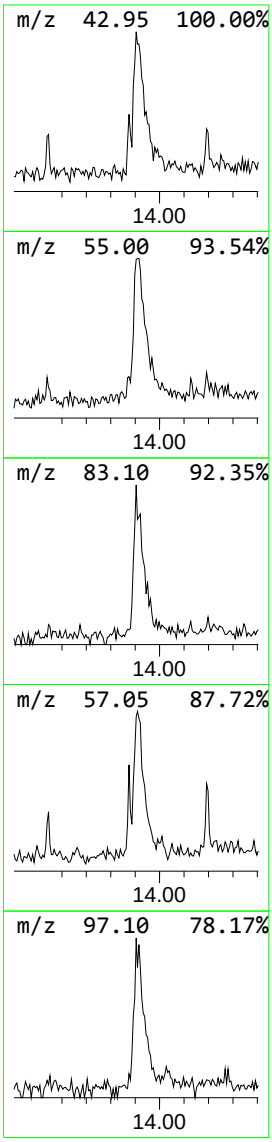
Peak Number 2 Behenic alcohol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.904	5.48 ng	179348	Chrysene-d12	14.033

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Behenic alcohol	326	C22H46O	000661-19-8	91
2	1-Heneicosanol	312	C21H44O	015594-90-8	91
3	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	91
4	Tetradecyl trifluoroacetate	310	C16H29F3O2	006222-02-2	91
5	Pentafluoropropionic acid, tetra...	360	C17H29F5O2	006222-06-6	91





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Instrument :
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RB-46-(2-5)

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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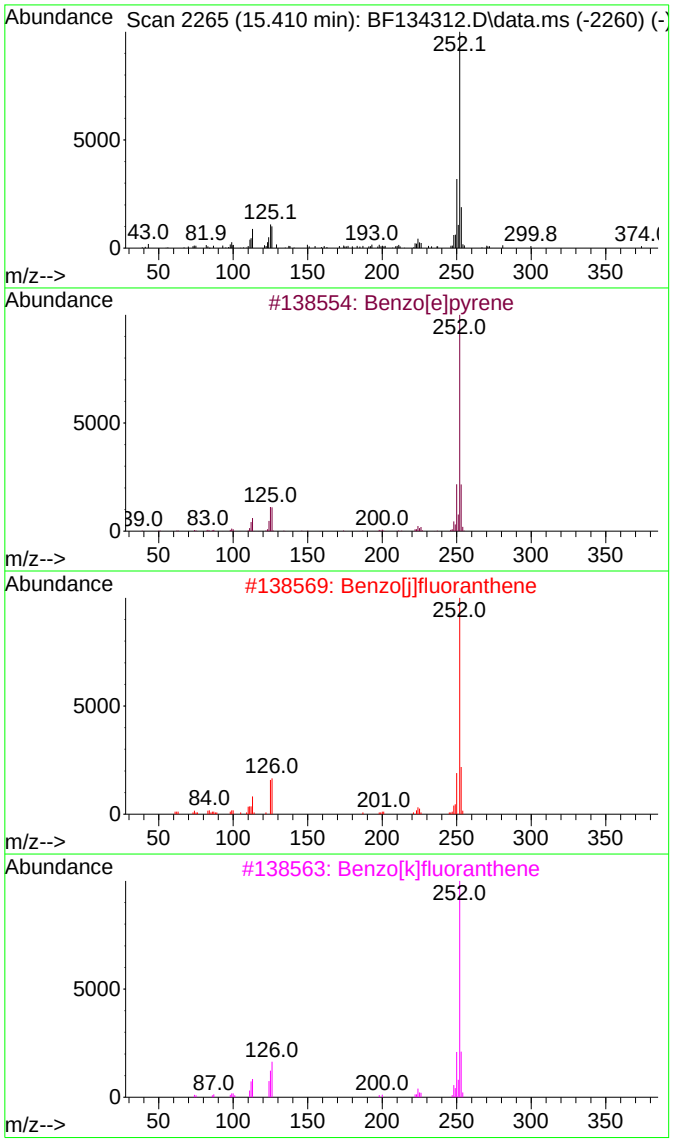
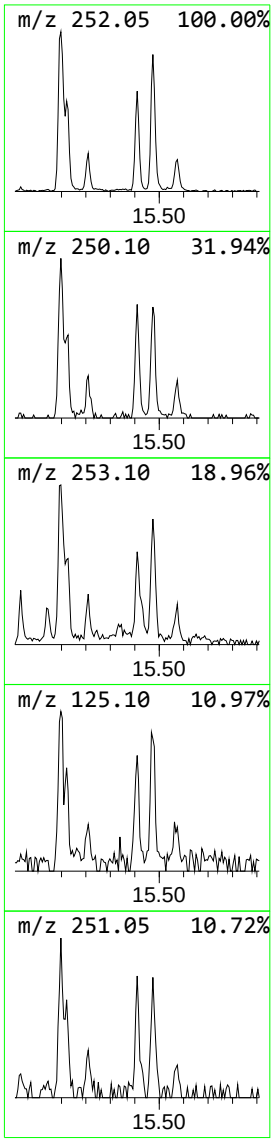
Peak Number 3 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.410	3.74 ng	78272	Perylene-d12	15.539

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	96
2	Benzo[j]fluoranthene	252	C20H12	000205-82-3	95
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
4	Perylene	252	C20H12	000198-55-0	93
5	Benzo[a]pyrene	252	C20H12	000050-32-8	90





Tentatively Identified Compound (LSC) summary

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
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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 ...	11.904	5.4	ng	169901	4	11.374	627797	20.0
Behenic alcohol	13.904	5.5	ng	179348	5	14.033	655040	20.0
Benzo[e]pyrene	15.410	3.7	ng	78272	6	15.539	418129	20.0