LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP030822\
Data File : BP009309.D
Acq On : 08 Mar 2022 17:44
Operator : CG/JU
Sample : N1825-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DUM-29

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_P\Methods\8270E-BP030522.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP009309.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.070	10	14	33	rVB	1090188	1599578	9.24%	1.394%
2	5.411	405	412	426	rBV	6500403	10397967	60.05%	9.060%
3	6.987	672	680	690	rBV	6127005	10348013	59.76%	9.016%
4	7.816	814	821	830	rBV	1643874	2811191	16.23%	2.449%
5	8.969	1009	1017	1030	rBV	3844352	6701145	38.70%	5.839%
6	10.610	1288	1296	1309	rBV	2028769	3671807	21.20%	3.199%
7	13.081	1708	1716	1732	rBV	9179956	14314780	82.67%	12.472%
8	14.457	1940	1950	1958	rBV	2564530	4232097	24.44%	3.687%
9	15.951	2196	2204	2227	rBV	5643653	9373255	54.13%	8.167%
10	17.216	2412	2419	2423	rBV	3010571	4573361	26.41%	3.985%
11	17.257	2423	2426	2433	rVV	537808	769590	4.44%	0.671%
12	17.345	2436	2441	2448	rVB	219233	355720	2.05%	0.310%
13	18.122	2569	2573	2581	rVB2	379982	651378	3.76%	0.568%
14	18.275	2594	2599	2603	rBV2	164504	309106	1.79%	0.269%
15	19.234	2757	2762	2770	rBV	1719186	2394124	13.83%	2.086%
16	19.586	2811	2822	2830	rBV	1557938	2663280	15.38%	2.320%
17	19.792	2849	2857	2868	rBV	13013594	17316512	100.00%	15.088%
18	19.910	2873	2877	2882	rVB4	94800	195217	1.13%	0.170%
19	20.075	2902	2905	2910	rVB	242081	315172	1.82%	0.275%
20	20.228	2928	2931	2935	rVB2	133165	185756	1.07%	0.162%
21	21.051	3067	3071	3075	rBV2	703422	1033782	5.97%	0.901%
22	21.322	3110	3117	3121	rBV2	4693908	7382251	42.63%	6.432%
23	21.357	3121	3123	3131	rVB	910581	1179598	6.81%	1.028%
24	22.992	3396	3401	3413	rBV	760904	2717683	15.69%	2.368%
25	23.516	3485	3490	3498	rVB	534425	1108296	6.40%	0.966%
26	23.616	3502	3507	3516	rVB	700054	1402839	8.10%	1.222%
27	23.727	3519	3526	3533	rBV2	3174586	6769194	39.09%	5.898%

Sum of corrected areas: 114772692

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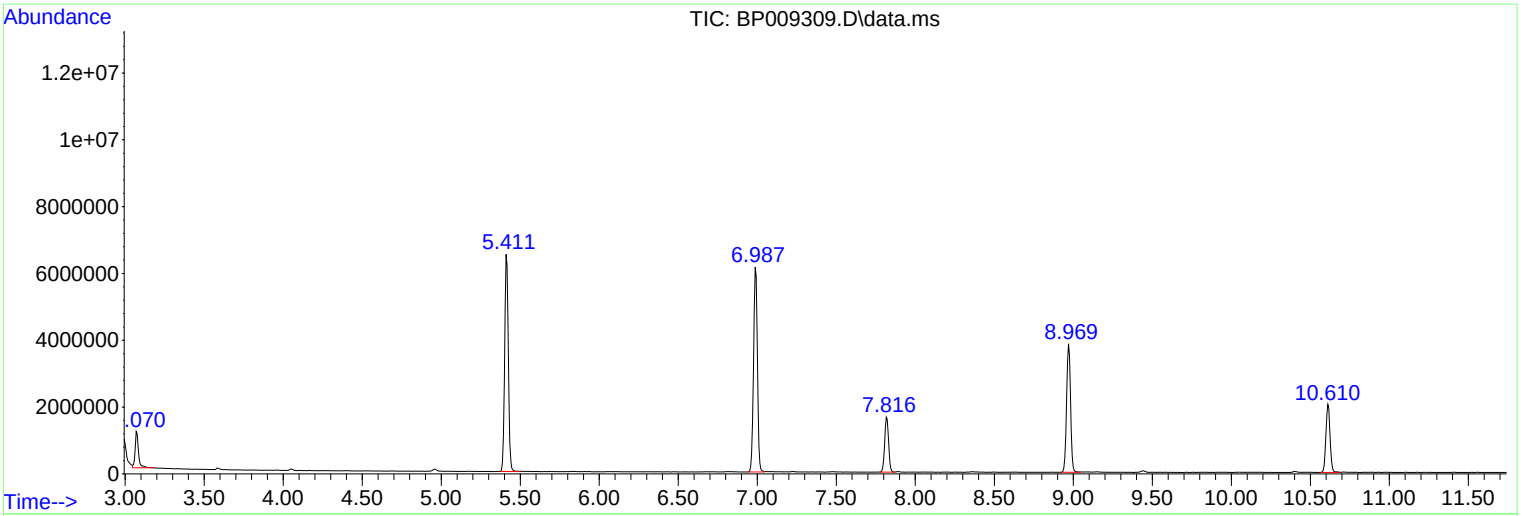
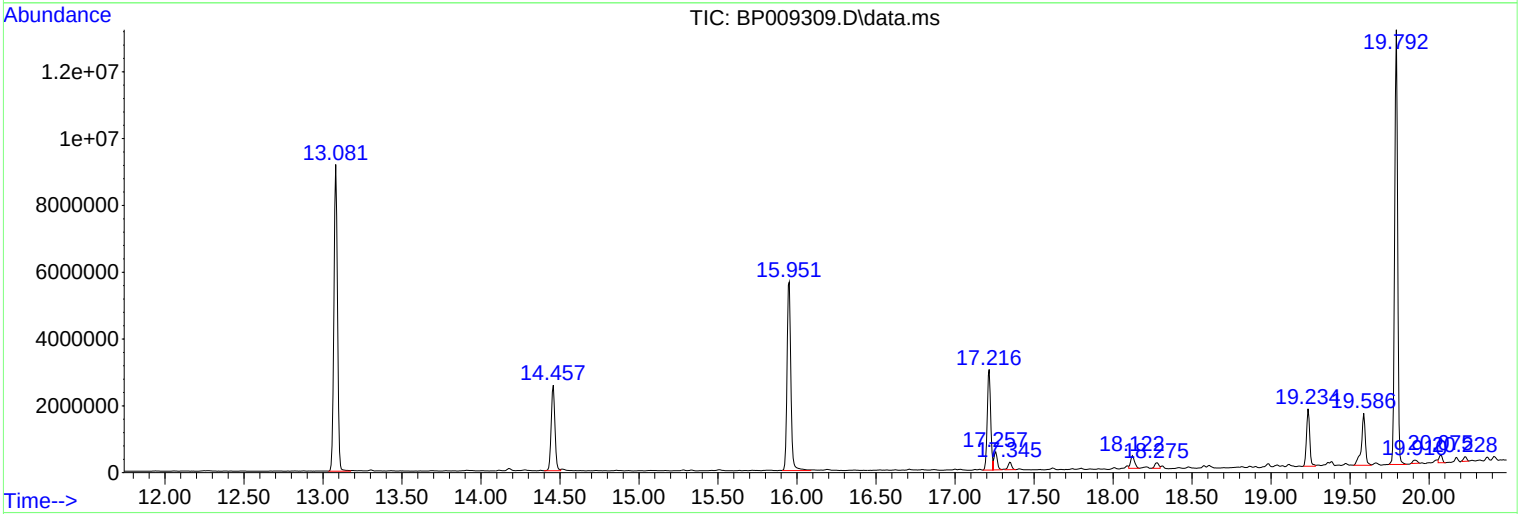
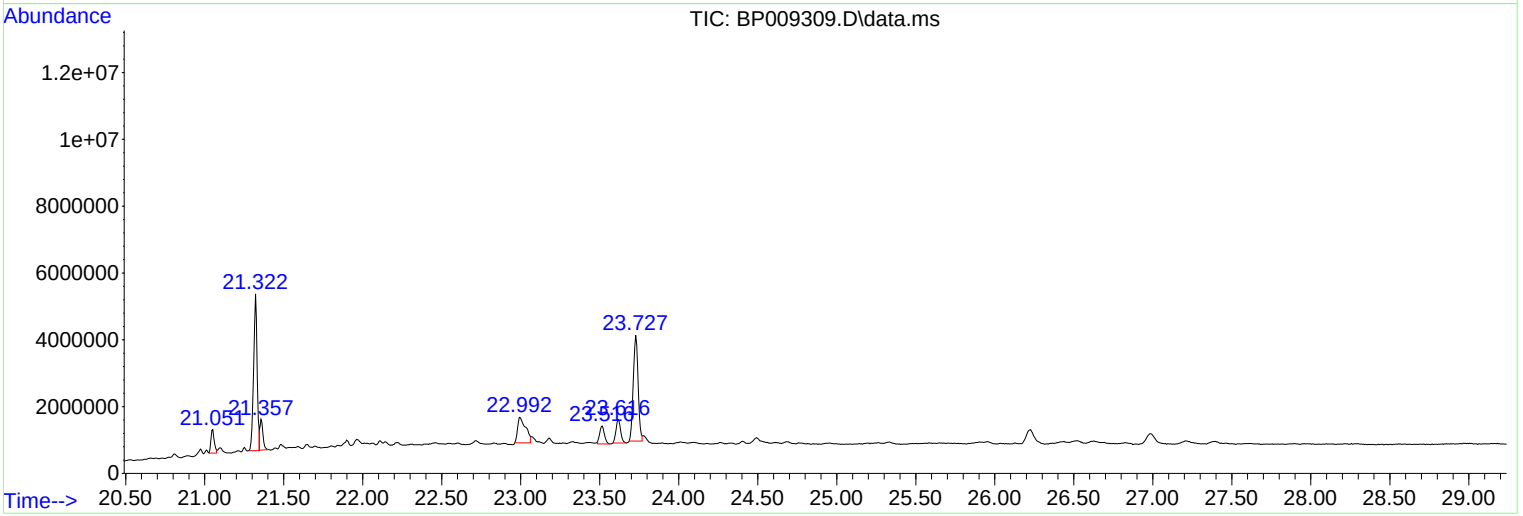
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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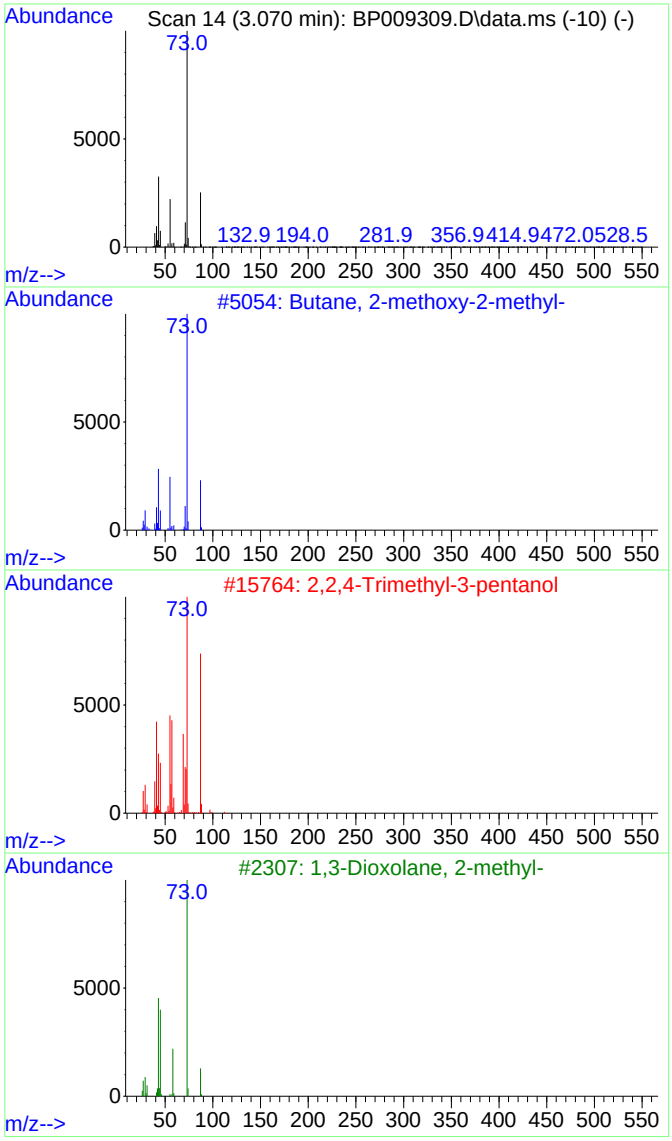
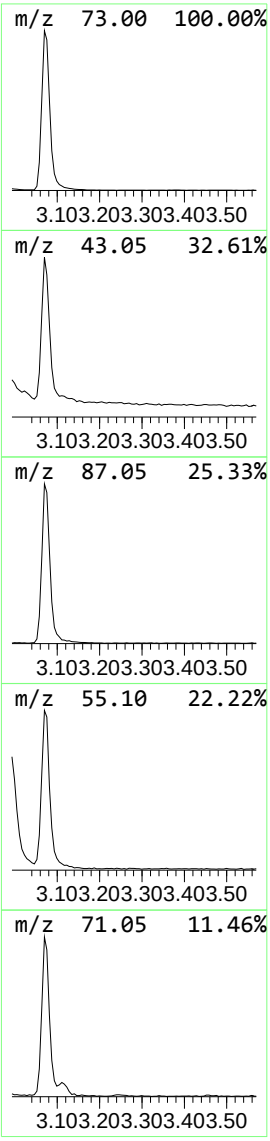
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.070	11.38 ng	1599580	1,4-Dichlorobenzene-d4	7.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	90
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	43
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





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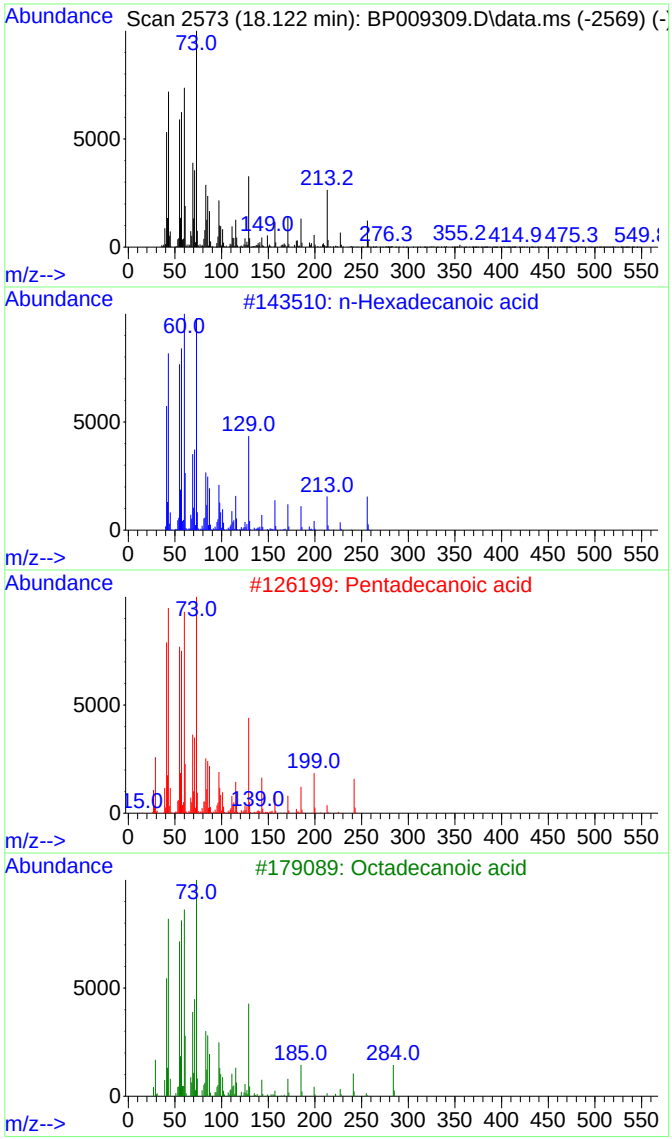
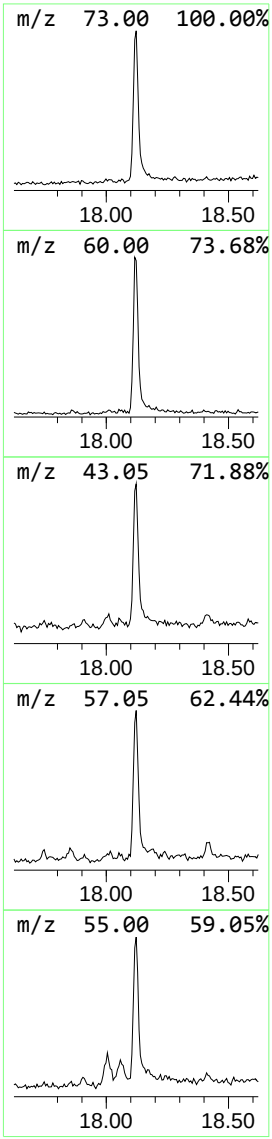
Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.122	2.85 ng	651378	Phenanthrene-d10	17.216

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	76
3	Octadecanoic acid	284	C18H36O2	000057-11-4	70
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	70
5	Tridecanoic acid	214	C13H26O2	000638-53-9	64





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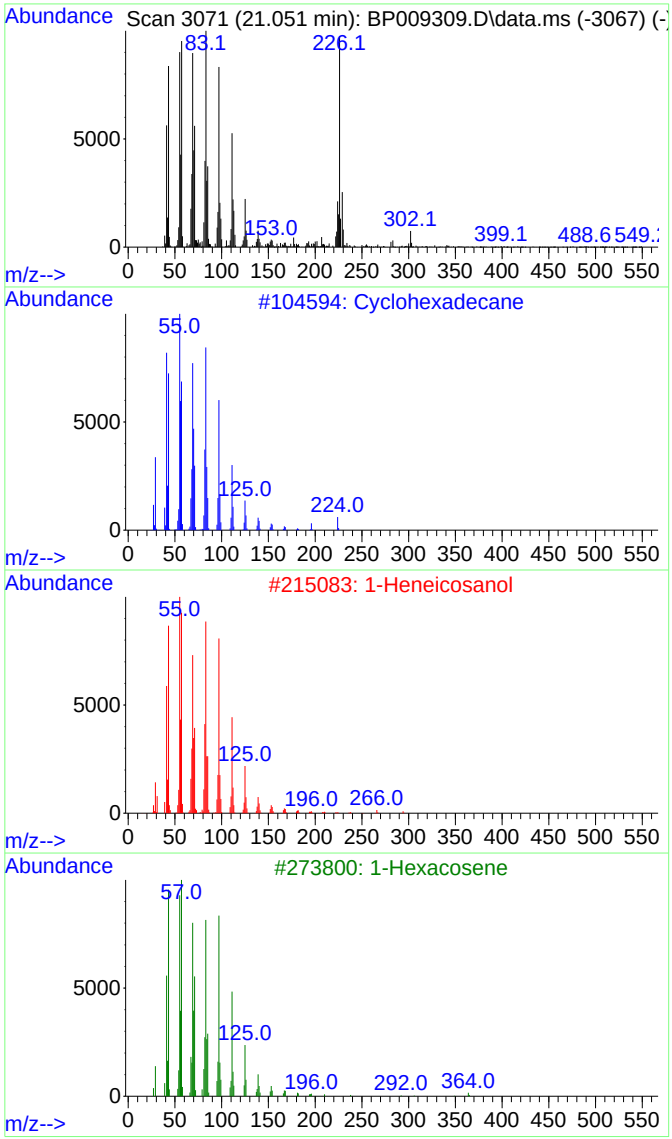
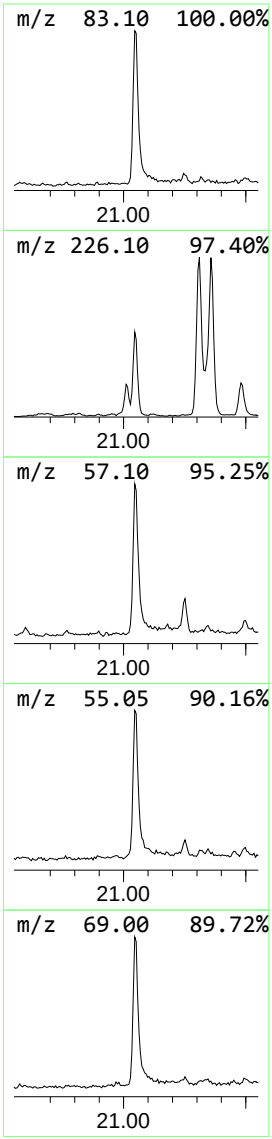
Peak Number 3 Cyclohexadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.051	2.80 ng	1033780	Chrysene-d12	21.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	94
2	1-Heneicosanol	312	C21H44O	015594-90-8	92
3	1-Hexacosene	364	C26H52	018835-33-1	86
4	Behenic alcohol	326	C22H46O	000661-19-8	86
5	1-Heptacosanol	396	C27H56O	002004-39-9	86





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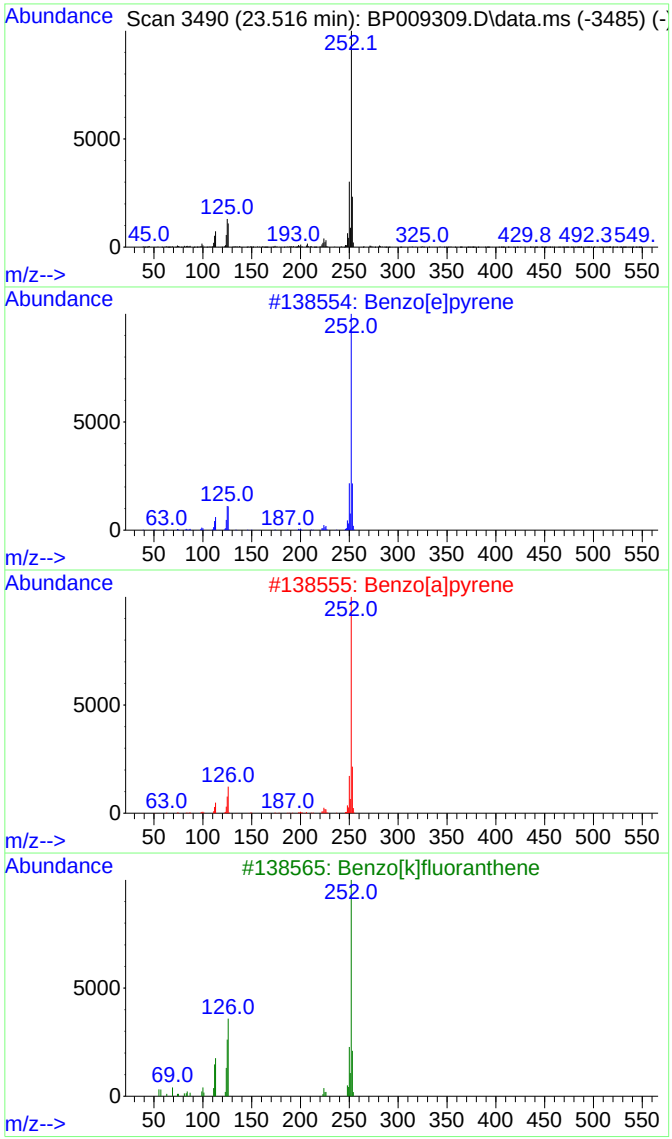
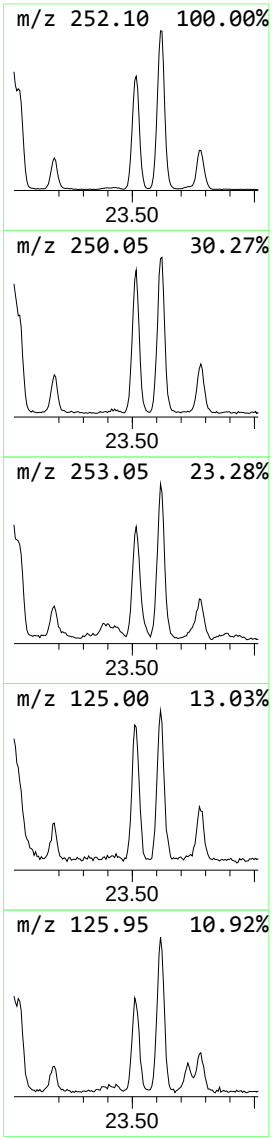
Peak Number 4 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.516	3.27 ng	1108300	Perylene-d12	23.727

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	98
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	89





Tentatively Identified Compound (LSC) summary

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					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-metho...	3.070	11.4	ng	1599580	1	7.816	2811190	20.0
n-Hexadecanoic ...	18.122	2.9	ng	651378	4	17.216	4573360	20.0
Cyclohexadecane	21.051	2.8	ng	1033780	5	21.322	7382250	20.0
Benzo[e]pyrene	23.516	3.3	ng	1108300	6	23.727	6769190	20.0