LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040721\
Data File : BP005218.D
Acq On : 07 Apr 2021 13:41
Operator : CG/JU
Sample : M1963-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : S-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_P\Methods\8270E-BP032321.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP005218.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.293	369	375	386	rVB	327260	470615	58.90%	8.155%
2	6.875	637	644	656	rBV	295556	463658	58.03%	8.034%
3	7.693	777	783	790	rBV	72772	114303	14.31%	1.981%
4	8.852	973	980	988	rBV	183200	291515	36.49%	5.051%
5	10.481	1250	1257	1264	rBV	89385	149536	18.72%	2.591%
6	12.963	1670	1679	1686	rBV	388942	560436	70.14%	9.711%
7	13.804	1813	1822	1829	rBV2	11961	21429	2.68%	0.371%
8	14.069	1862	1867	1876	rVB2	17463	29115	3.64%	0.504%
9	14.351	1908	1915	1922	rBV2	123693	186167	23.30%	3.226%
10	15.845	2162	2169	2184	rBV	273210	422872	52.93%	7.327%
11	17.110	2377	2384	2389	rBV	156183	221769	27.76%	3.843%
12	17.151	2389	2391	2400	rVV	13228	19530	2.44%	0.338%
13	17.245	2401	2407	2413	rVB	11964	18599	2.33%	0.322%
14	18.010	2528	2537	2551	rBV3	66252	117547	14.71%	2.037%
15	18.175	2559	2565	2570	rBV4	8061	16221	2.03%	0.281%
16	18.469	2610	2615	2620	rBV6	4965	9248	1.16%	0.160%
17	18.875	2680	2684	2688	rBV5	7462	12317	1.54%	0.213%
18	19.010	2703	2707	2713	rBV5	6894	11805	1.48%	0.205%
19	19.134	2722	2728	2734	rBV	88389	116513	14.58%	2.019%
20	19.245	2743	2747	2750	rBV2	24692	30612	3.83%	0.530%
21	19.281	2750	2753	2757	rVB	14778	18829	2.36%	0.326%
22	19.451	2778	2782	2783	rBV2	11747	12640	1.58%	0.219%
23	19.481	2783	2787	2795	rVV	81611	118881	14.88%	2.060%
24	19.551	2797	2799	2806	rVB4	5922	9045	1.13%	0.157%
25	19.686	2816	2822	2827	rBV	678287	798991	100.00%	13.845%
26	19.804	2838	2842	2848	rBV7	9076	22202	2.78%	0.385%
27	19.963	2867	2869	2876	rVB3	19575	28383	3.55%	0.492%
28	20.063	2883	2886	2890	rVB	8277	8951	1.12%	0.155%
29	20.122	2894	2896	2901	rVB4	13045	14587	1.83%	0.253%
30	20.257	2917	2919	2923	rVB2	9100	9383	1.17%	0.163%
31	20.304	2924	2927	2931	rVV4	8392	10140	1.27%	0.176%
32	20.698	2991	2994	3002	rVB2	16818	21504	2.69%	0.373%
33	20.898	3025	3028	3029	rBV2	9697	10811	1.35%	0.187%
34	20.922	3029	3032	3040	rVV4	68775	108585	13.59%	1.882%
35	20.992	3040	3044	3048	rVB	16584	22671	2.84%	0.393%
36	21.204	3074	3080	3084	rBV2	268773	447576	56.02%	7.755%

LSC Area Percent Report

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	21.239	3084	3086	3096	rVB	75786	103183	12.91%	1.788%
38	22.798	3345	3351	3356	rBV	85407	207707	26.00%	3.599%
39	23.286	3430	3434	3441	rVB2	46035	84822	10.62%	1.470%
40	23.386	3445	3451	3457	rVB	70217	138063	17.28%	2.392%
41	23.486	3462	3468	3474	rBV	154015	290394	36.35%	5.032%

Sum of corrected areas: 5771155

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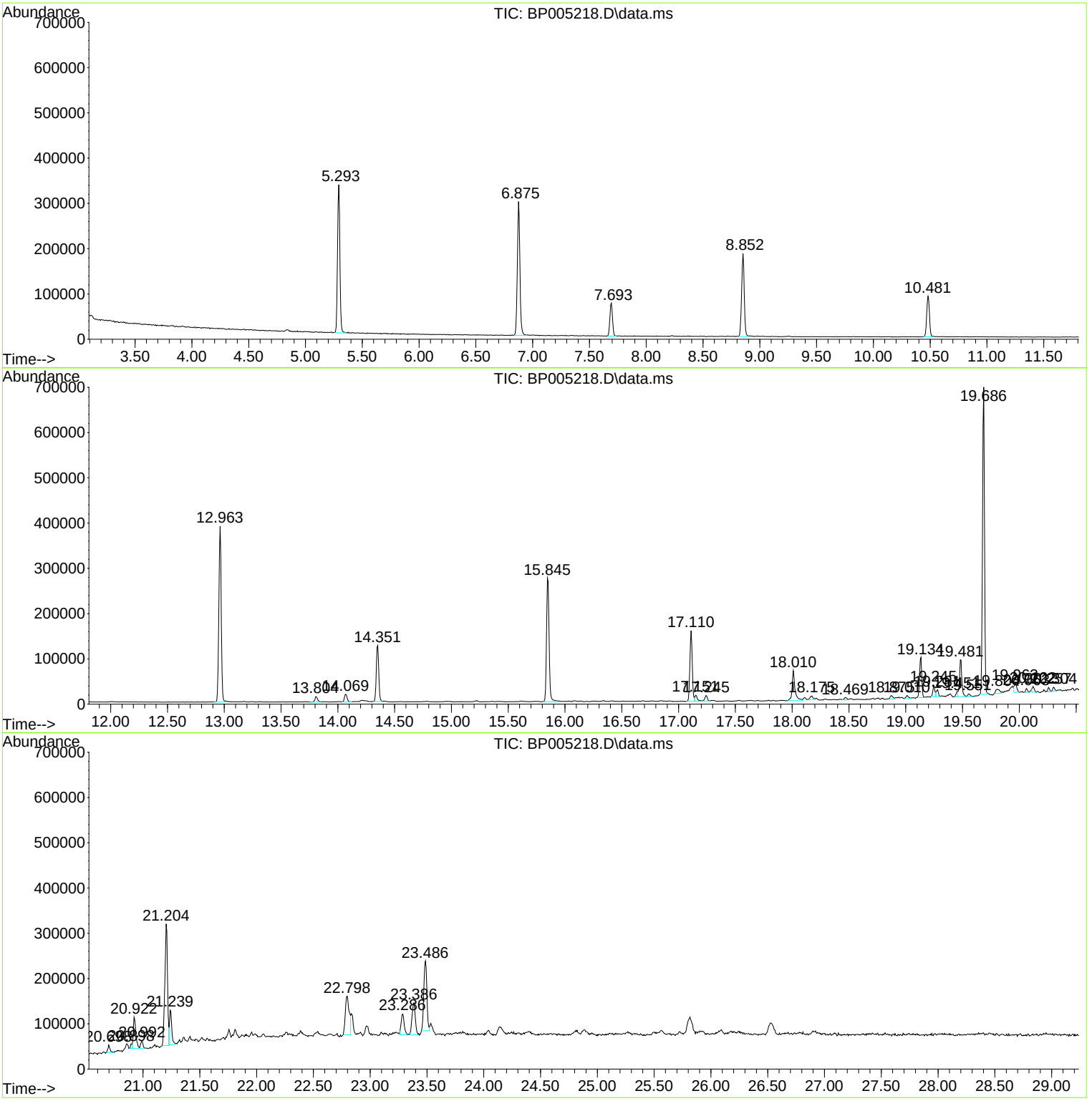
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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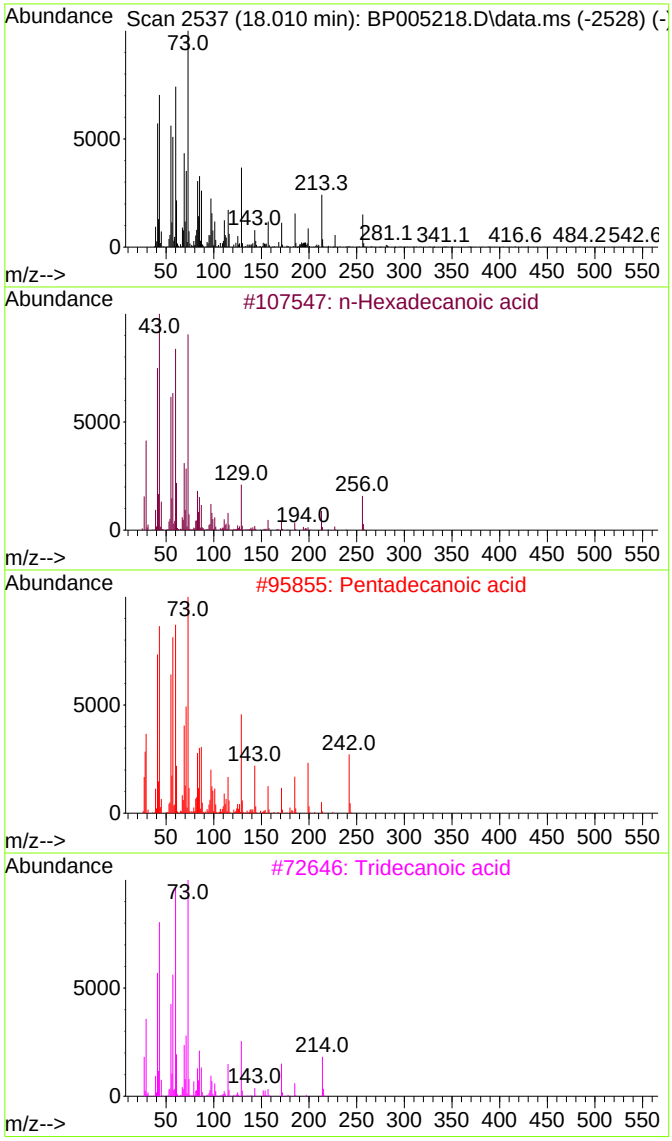
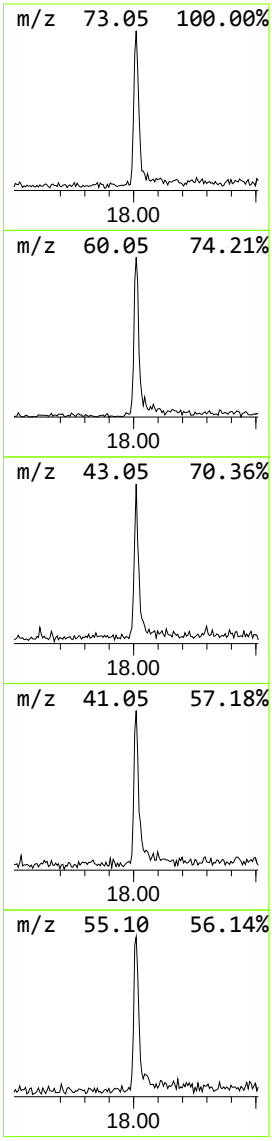
Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.010	10.60 ng	117547	Phenanthrene-d10	17.110

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	74
3	Tridecanoic acid	214	C13H26O2	000638-53-9	68
4	Undecanoic acid	186	C11H22O2	000112-37-8	59
5	Octadecanoic acid	284	C18H36O2	000057-11-4	58





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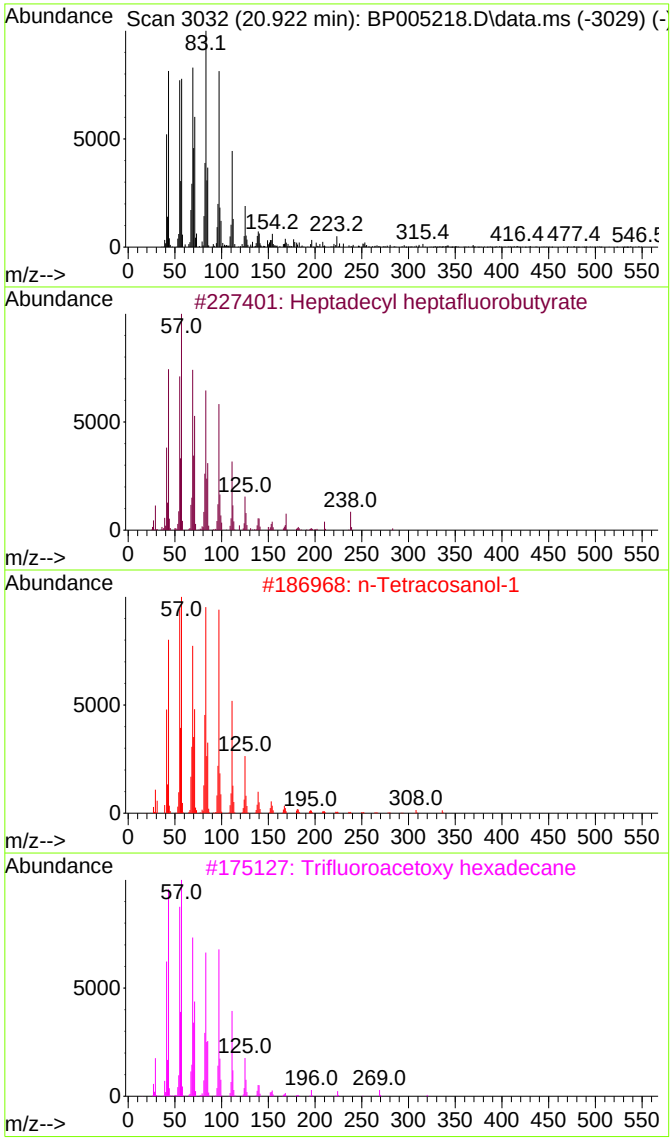
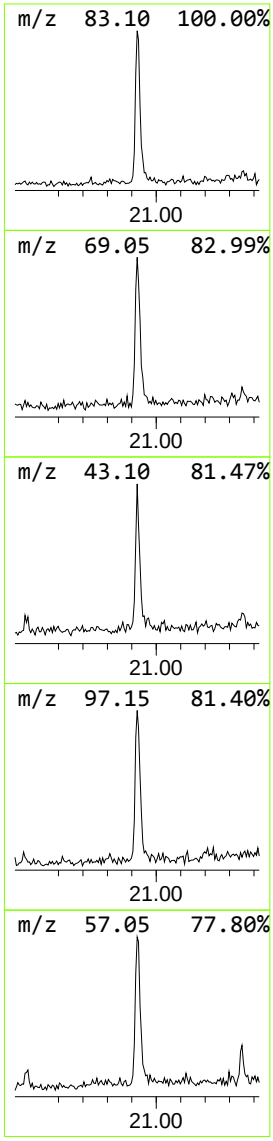
Peak Number 2 Heptadecyl heptafluorobutyrate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.922	4.85 ng	108585	Chrysene-d12	21.210

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	91
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	91
3	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	91
4	Behenic alcohol	326	C22H46O	000661-19-8	91
5	1-Heneicosanol	312	C21H44O	015594-90-8	91





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Instrument : BNA_P
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP032321.M
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TIC Library : C:\DATABASE\NIST11.L
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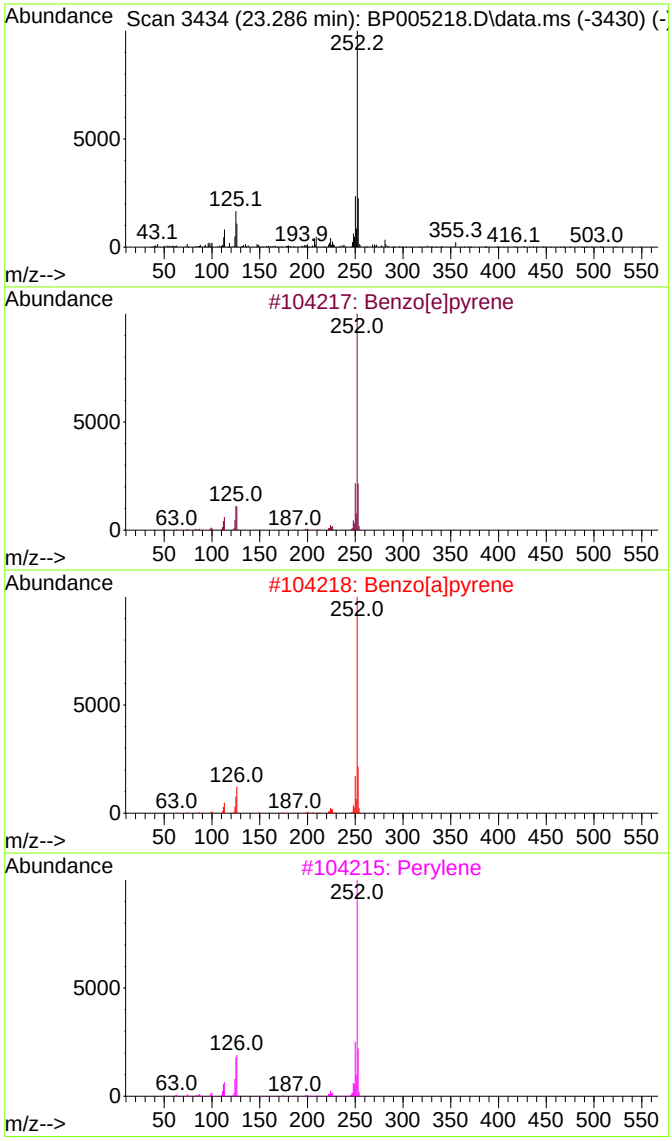
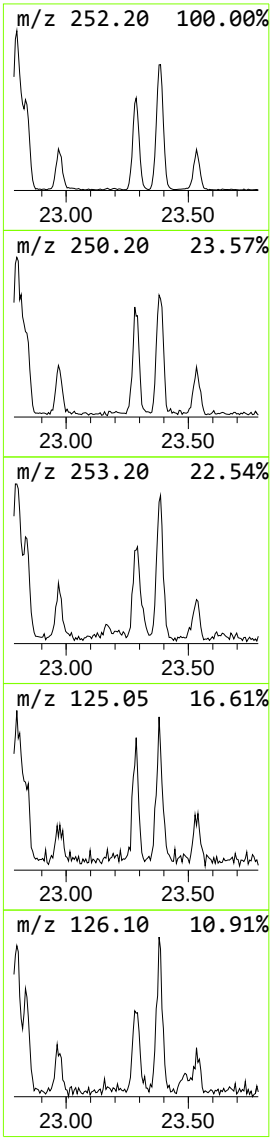
Peak Number 3 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.286	5.84 ng	84822	Perylene-d12	23.486

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	93
2	Benzo[a]pyrene	252	C20H12	000050-32-8	90
3	Perylene	252	C20H12	000198-55-0	89
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	89
5	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	81





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
n-Hexadecanoic ...	18.010	10.6	ng	117547	4	17.110	221769	20.0
Heptadecyl hept...	20.922	4.8	ng	108585	5	21.210	447576	20.0
Benzo[e]pyrene	23.286	5.8	ng	84822	6	23.486	290394	20.0