LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080822\
Data File : BM036165.D
Acq On : 09 Aug 2022 03:59
Operator : CG/JU
Sample : N3963-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
RVE-212

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_M\Methods\8270-BM080122.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM036165.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.546	75	78	86	rBV	95597	129178	1.14%	0.171%
2	5.440	393	400	416	rBV	4362934	6164833	54.42%	8.140%
3	7.063	669	676	690	rBV	4141723	6327186	55.86%	8.354%
4	7.845	800	809	817	rBV	973533	1532856	13.53%	2.024%
5	9.016	1000	1008	1018	rBV	2561581	4066281	35.90%	5.369%
6	10.651	1278	1286	1292	rBV	1244800	2098120	18.52%	2.770%
7	12.175	1537	1545	1562	rBV	51998	146949	1.30%	0.194%
8	12.339	1565	1573	1581	rBV4	44753	118360	1.04%	0.156%
9	13.116	1698	1705	1715	rVB	6166233	9013396	79.57%	11.900%
10	14.210	1886	1891	1900	rVB	156284	245351	2.17%	0.324%
11	14.486	1932	1938	1944	rBV	1800824	2551460	22.52%	3.369%
12	15.980	2186	2192	2198	rBV	4783480	6620705	58.45%	8.741%
13	17.133	2384	2388	2395	rBV6	83915	151369	1.34%	0.200%
14	17.227	2396	2404	2408	rBV	2035813	2922618	25.80%	3.859%
15	17.268	2408	2411	2416	rVB	458931	557766	4.92%	0.736%
16	17.362	2422	2427	2431	rVB	352903	487650	4.31%	0.644%
17	17.592	2462	2466	2468	rBV	99250	138561	1.22%	0.183%
18	17.898	2515	2518	2524	rVB3	150241	192340	1.70%	0.254%
19	18.133	2554	2558	2567	rVB	1097320	1410192	12.45%	1.862%
20	18.233	2572	2575	2580	rVB2	96488	137500	1.21%	0.182%
21	18.298	2584	2586	2591	rVB2	86802	119789	1.06%	0.158%
22	19.009	2704	2707	2711	rBV3	155641	233625	2.06%	0.308%
23	19.074	2716	2718	2724	rVB6	152875	235894	2.08%	0.311%
24	19.286	2749	2754	2759	rBV	1199448	1592768	14.06%	2.103%
25	19.409	2772	2775	2778	rBV	183804	228187	2.01%	0.301%
26	19.645	2812	2815	2824	rVB	1224160	1842035	16.26%	2.432%
27	19.756	2831	2834	2838	rVB	742455	872711	7.70%	1.152%
28	19.856	2846	2851	2855	rBV	9415109	11327287	100.00%	14.956%
29	19.892	2855	2857	2865	rVB	489142	617759	5.45%	0.816%
30	20.268	2919	2921	2925	rVB2	280836	236118	2.08%	0.312%
31	21.121	3062	3066	3073	rVB5	1840211	2622944	23.16%	3.463%
32	21.409	3109	3115	3119	rBV2	2697355	4680403	41.32%	6.180%
33	23.562	3477	3481	3487	rVB	906885	1610346	14.22%	2.126%
34	23.662	3494	3498	3505	rVB	1033639	1935904	17.09%	2.556%
35	23.768	3511	3516	3521	rVB2	1444710	2571240	22.70%	3.395%

LSC Area Percent Report

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Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM080122.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Sum of corrected areas: 75739681

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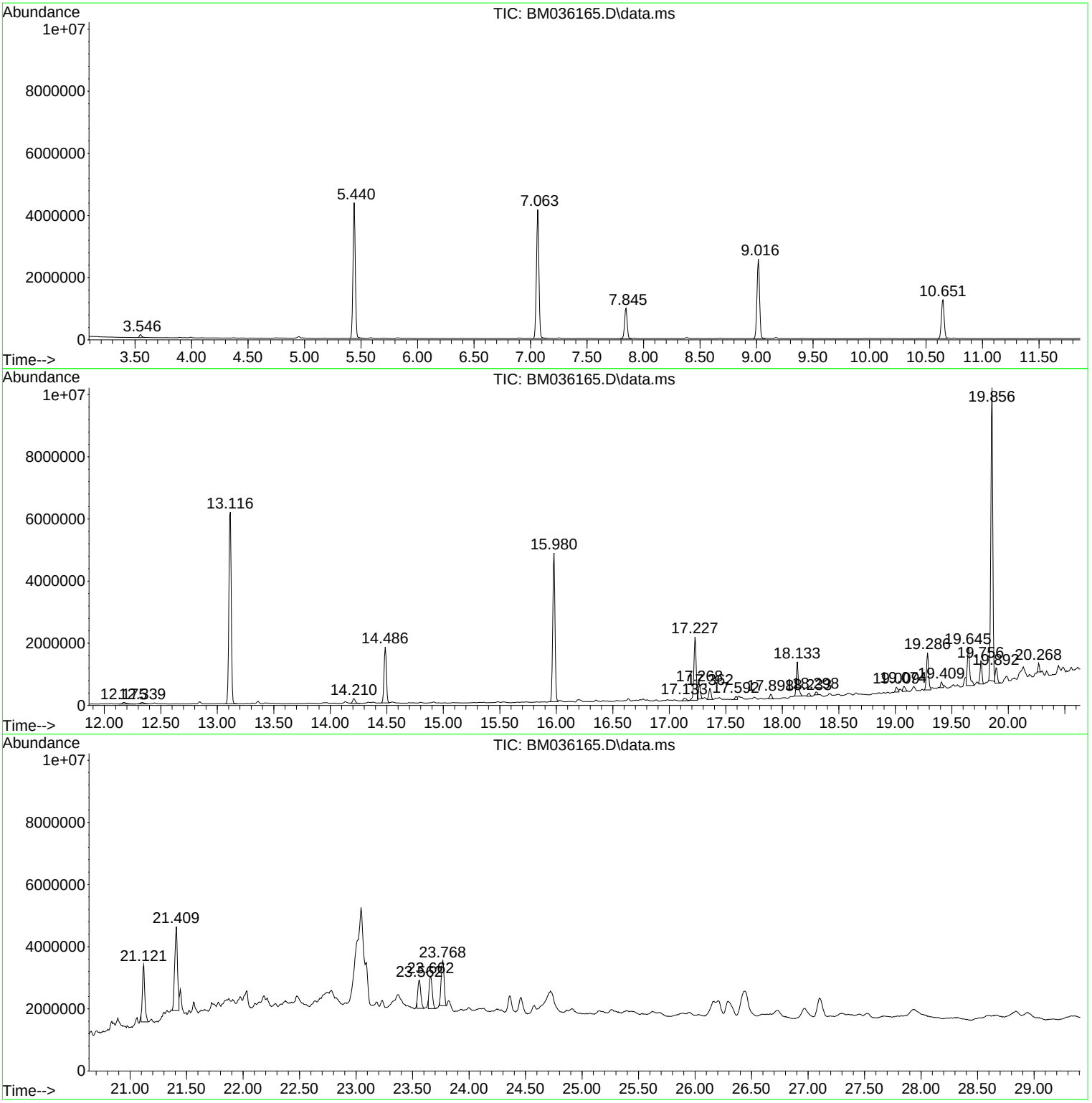
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM080122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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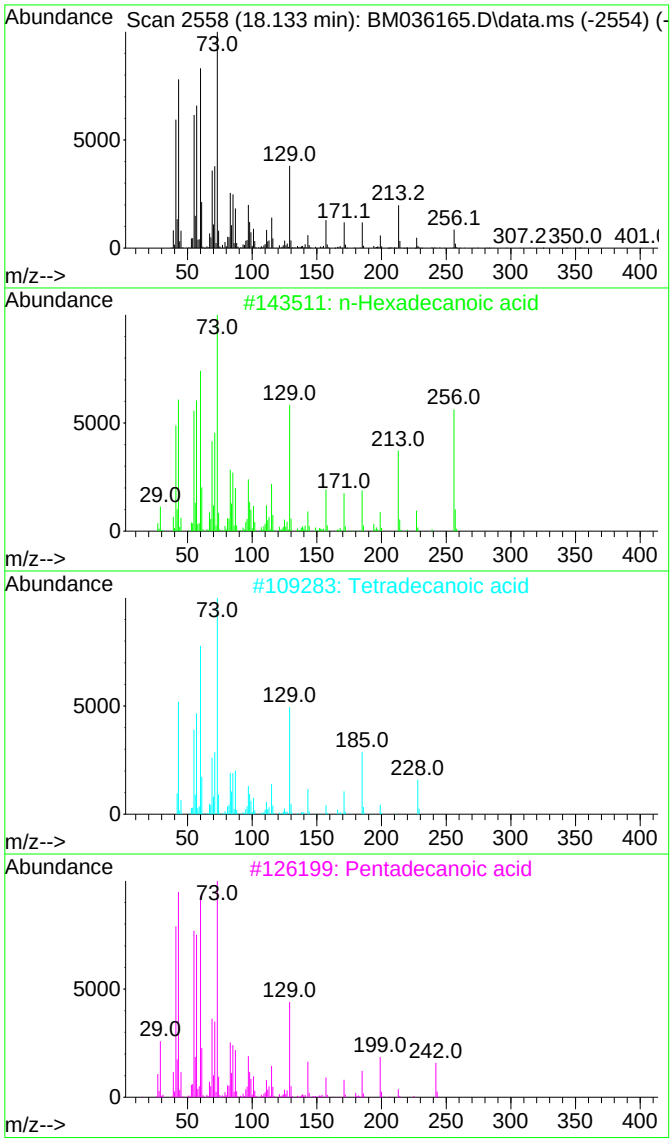
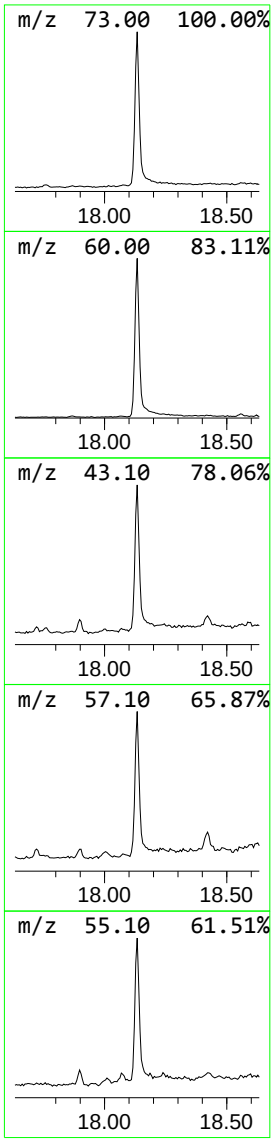
Peak Number 1 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.133	9.65 ng	1410190	Phenanthrene-d10	17.227

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	90
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4	Tridecanoic acid	214	C13H26O2	000638-53-9	76
5	Dodecanoic acid	200	C12H24O2	000143-07-7	58





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Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM080122.M
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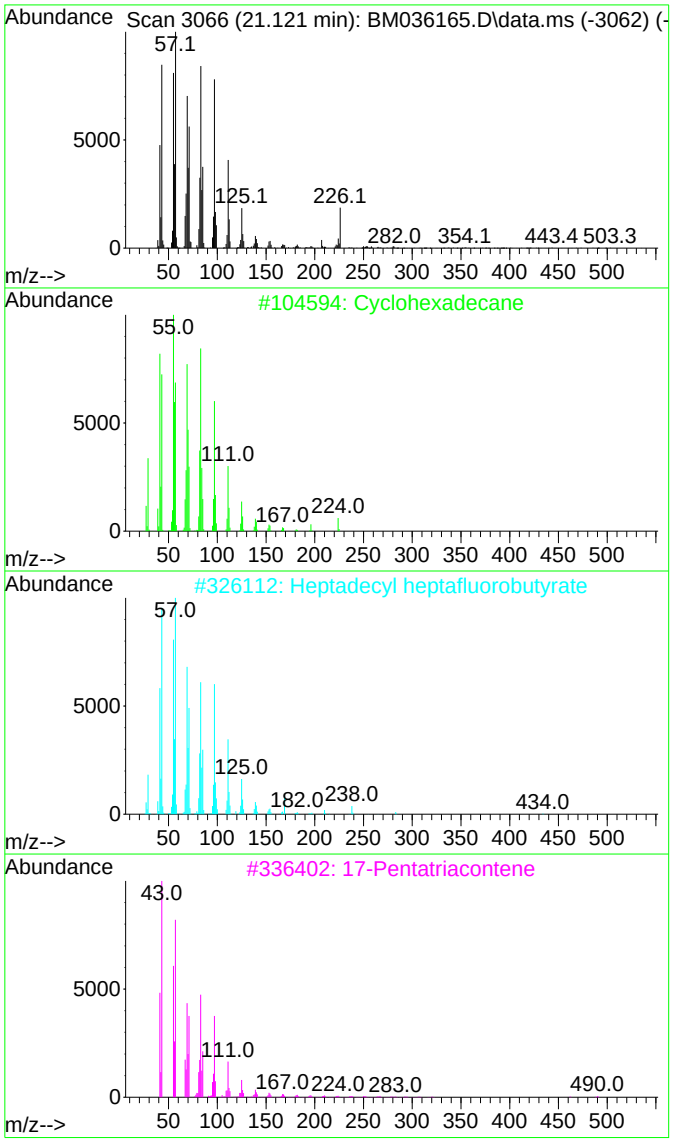
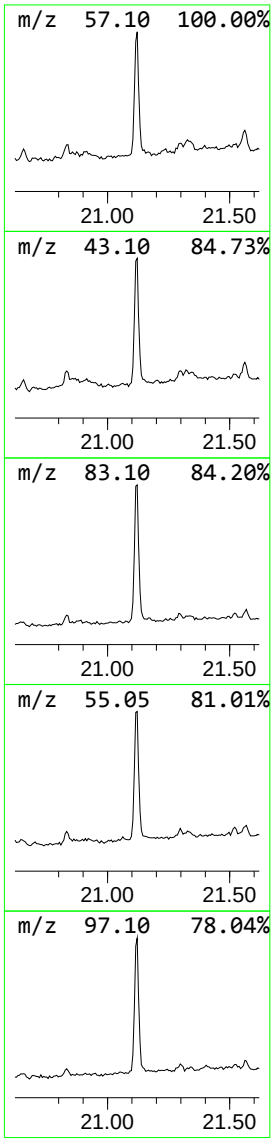
Peak Number 3 Cyclohexadecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.121	11.21 ng	2622940	Chrysene-d12	21.409

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	94
2	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
3	17-Pentatriacontene	491	C35H70	006971-40-0	94
4	Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	94
5	1-Heneicosanol	312	C21H44O	015594-90-8	93





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Sample : N3963-07
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Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM080122.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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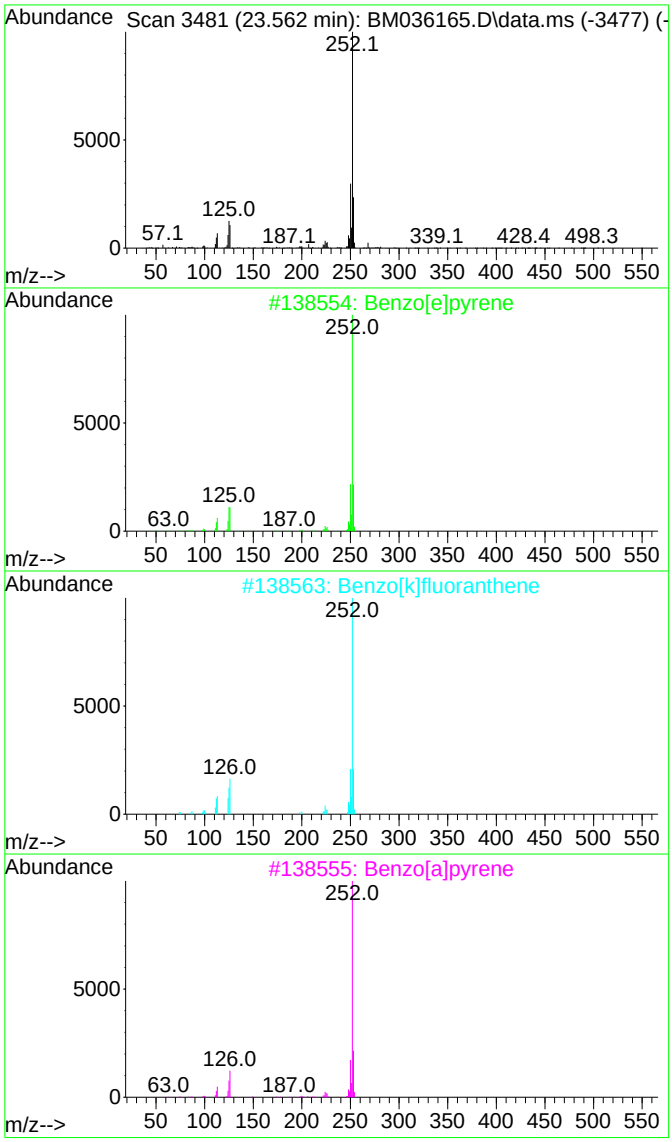
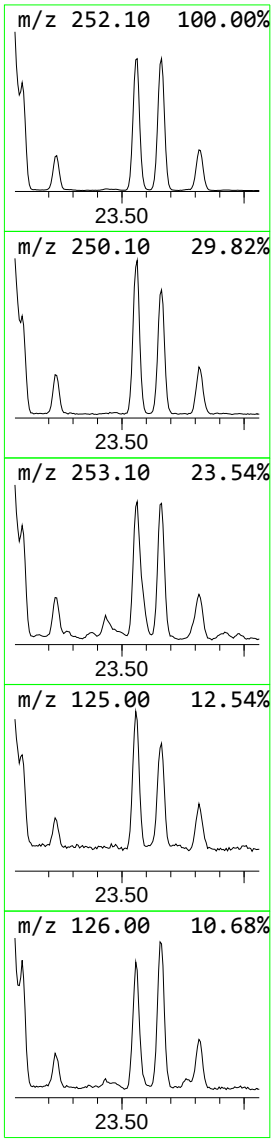
Peak Number 4 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.562	12.53 ng	1610350	Perylene-d12	23.768

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	98
3	Benzo[a]pyrene	252	C20H12	000050-32-8	96
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	95
5	Perylene	252	C20H12	000198-55-0	95





Tentatively Identified Compound (LSC) summary

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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 ...	18.133	9.7	ng	1410190	4	17.227	2922620	20.0
Cyclohexadecane	21.121	11.2	ng	2622940	5	21.409	4680400	20.0
Benzo[e]pyrene	23.562	12.5	ng	1610350	6	23.768	2571240	20.0