LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032322\
Data File : BM034356.D
Acq On : 24 Mar 2022 01:34
Operator : CG/JU
Sample : N1958-10 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C-10-9-10

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-BM031522.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM034356.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.495	377	384	391	rBV	515826	795551	18.45%	2.231%
2	7.095	650	656	665	rBV	467466	794175	18.42%	2.228%
3	7.936	792	799	806	rBV	651770	1026780	23.81%	2.880%
4	9.101	991	997	1006	rBV	287824	506447	11.74%	1.421%
5	10.748	1269	1277	1283	rBV	787443	1382897	32.07%	3.879%
6	10.801	1283	1286	1294	rVB	81441	128625	2.98%	0.361%
7	13.207	1688	1695	1708	rBV	792885	1141982	26.48%	3.203%
8	14.301	1876	1881	1888	rBV	46533	79242	1.84%	0.222%
9	14.407	1892	1899	1909	rBV2	33782	89023	2.06%	0.250%
10	14.577	1921	1928	1935	rBV	1125497	1701344	39.45%	4.772%
11	14.642	1935	1939	1947	rVB	75883	117211	2.72%	0.329%
12	14.977	1989	1996	2004	rVB	43782	73175	1.70%	0.205%
13	15.624	2101	2106	2111	rBV3	73004	117582	2.73%	0.330%
14	15.918	2152	2156	2163	rVB	39967	65041	1.51%	0.182%
15	16.065	2174	2181	2189	rBV	572294	884076	20.50%	2.480%
16	16.295	2215	2220	2227	rBV3	48732	103998	2.41%	0.292%
17	16.630	2270	2277	2281	rBV6	29821	55880	1.30%	0.157%
18	16.971	2332	2335	2343	rVB3	36257	60760	1.41%	0.170%
19	17.054	2345	2349	2351	rVV2	32420	53482	1.24%	0.150%
20	17.083	2351	2354	2359	rVV2	57516	93916	2.18%	0.263%
21	17.136	2359	2363	2372	rVB	87039	154028	3.57%	0.432%
22	17.318	2388	2394	2398	rBV	1292681	1875972	43.50%	5.262%
23	17.359	2398	2401	2408	rVV	1127576	1557896	36.12%	4.370%
24	17.454	2412	2417	2422	rVV	288538	408409	9.47%	1.146%
25	17.512	2423	2427	2433	rVV4	32714	66191	1.53%	0.186%
26	17.724	2460	2463	2473	rBV3	32938	86458	2.00%	0.243%
27	17.824	2476	2480	2486	rBV2	78199	128579	2.98%	0.361%
28	18.212	2540	2546	2549	rBV2	178329	389640	9.04%	1.093%
29	18.248	2549	2552	2560	rVB	222385	311112	7.21%	0.873%
30	18.324	2561	2565	2569	rBV	97289	137886	3.20%	0.387%
31	18.395	2571	2577	2581	rBV3	230041	435615	10.10%	1.222%
32	18.512	2594	2597	2601	rBV	117252	139229	3.23%	0.391%
33	18.695	2625	2628	2631	rBV	109980	128566	2.98%	0.361%
34	18.736	2632	2635	2642	rVB3	73395	111900	2.59%	0.314%
35	19.112	2696	2699	2702	rBV	78210	98802	2.29%	0.277%
36	19.148	2702	2705	2708	rVV	108799	117840	2.73%	0.331%

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	19.253	2720	2723	2730	rVB	109952	166035	3.85%	0.466%
38	19.377	2738	2744	2751	rBV	3130827	4312545	100.00%	12.096%
39	19.736	2796	2805	2814	rBV	2440857	3902640	90.50%	10.946%
40	19.936	2835	2839	2843	rVB	1174361	1379782	31.99%	3.870%
41	20.230	2886	2889	2891	rBV	149641	164773	3.82%	0.462%
42	21.489	3097	3103	3107	rBV2	1929676	3849976	89.27%	10.799%
43	21.530	3107	3110	3120	rVB	1080320	1472776	34.15%	4.131%
44	23.177	3385	3390	3395	rBV	836604	1778613	41.24%	4.989%
45	23.806	3492	3497	3507	rVB	762646	1448290	33.58%	4.062%
46	23.912	3510	3515	3521	rVB2	938442	1757757	40.76%	4.930%

Sum of corrected areas: 35652497

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ClientSampleId :
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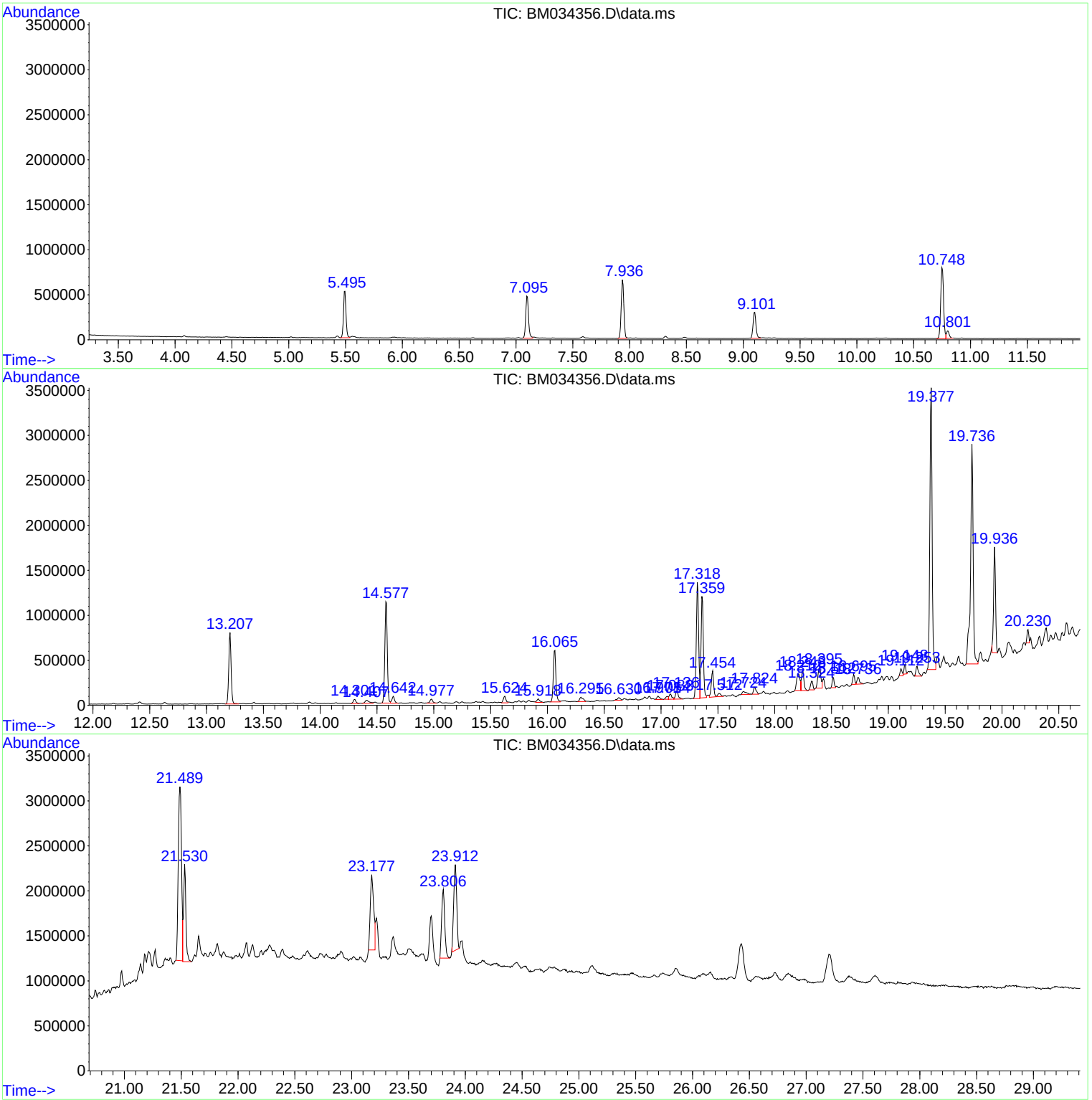
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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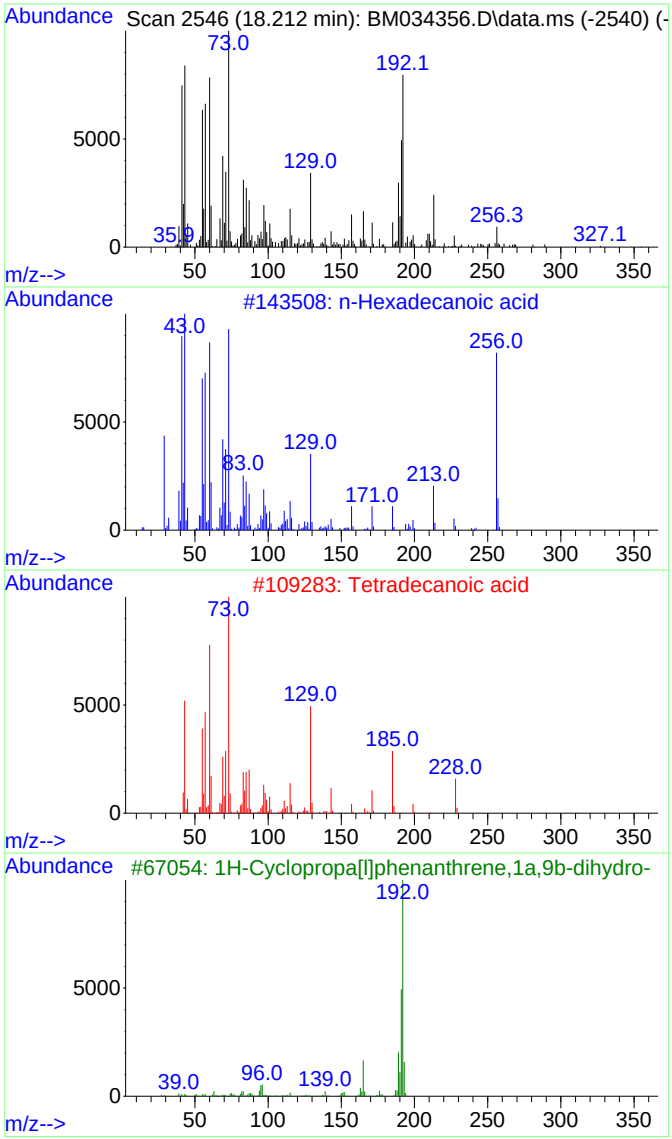
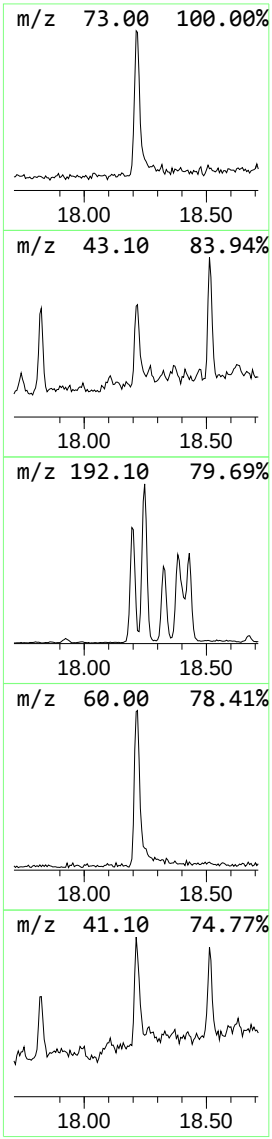
Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.212	4.15 ng	389640	Phenanthrene-d10	17.318

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	84
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	70
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	50
5	Octadecanoic acid	284	C18H36O2	000057-11-4	50





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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031522.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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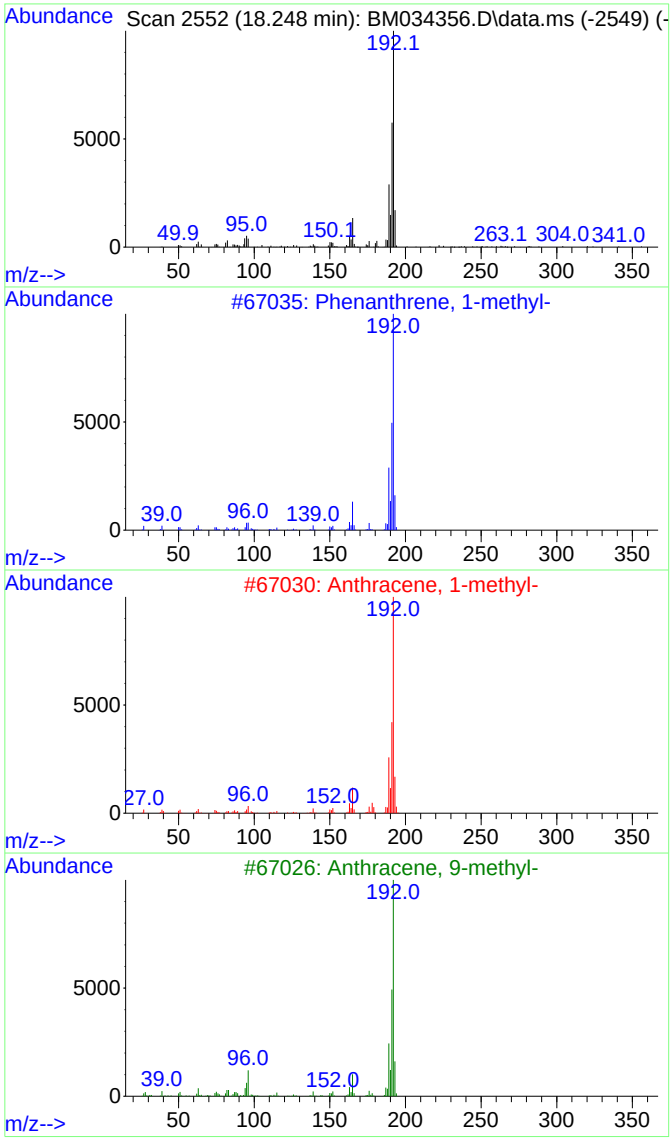
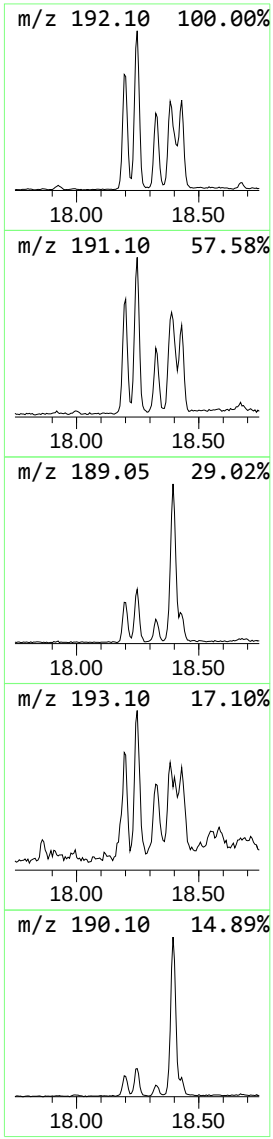
Peak Number 2 Phenanthrene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.248	3.32 ng	311112	Phenanthrene-d10	17.318

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	90





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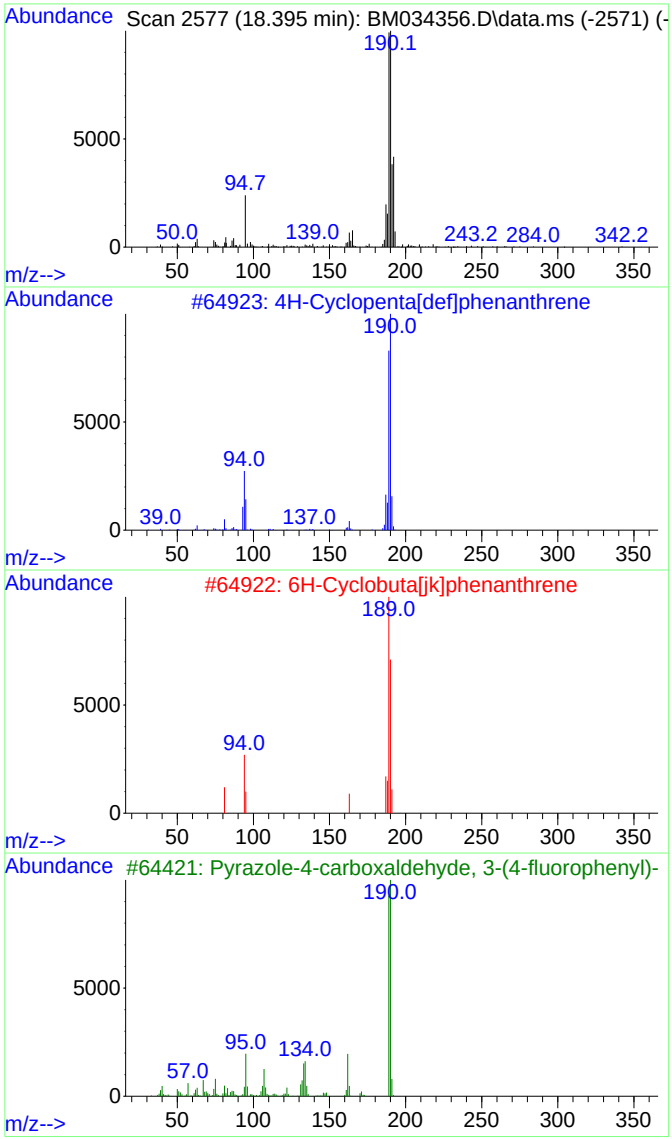
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

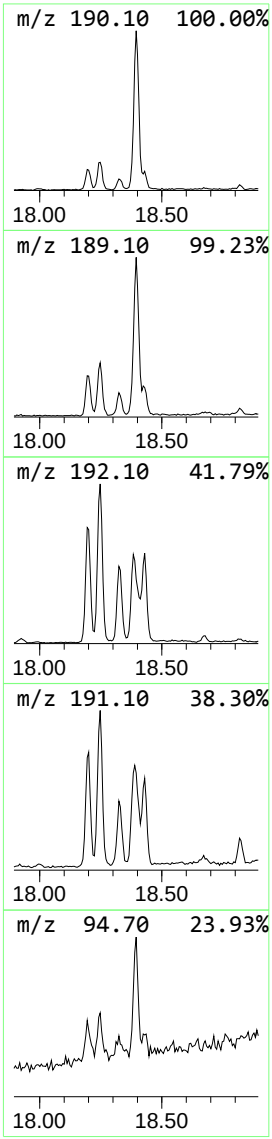
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.395	4.64 ng	435615	Phenanthrene-d10	17.318

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	53
3	Pyrazole-4-carboxaldehyde, 3-(4-...	190	C10H7FN2O	306936-57-2	49
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	43
5	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	17





Tentatively Identified Compound (LSC) summary

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031522.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 ...	18.212	4.2	ng	389640	4	17.318	1875970	20.0
Phenanthrene, 1...	18.248	3.3	ng	311112	4	17.318	1875970	20.0
4H-Cyclopenta[d...	18.395	4.6	ng	435615	4	17.318	1875970	20.0