

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042123\
 Data File : BM039572.D
 Acq On : 22 Apr 2023 03:43
 Operator : CG/JU
 Sample : 02446-01 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 OR-03-042023

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-BM041723.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM039572.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.919	314	320	328	rBV	211012	304270	9.52%	1.213%
2	5.401	395	402	417	rBV	628480	1058134	33.12%	4.217%
3	7.019	669	677	692	rBV	536625	1019468	31.91%	4.063%
4	7.125	692	695	703	rVB2	23456	47027	1.47%	0.187%
5	7.825	802	814	828	rBV	752294	1255146	39.29%	5.002%
6	8.995	1006	1013	1034	rBV	302748	621009	19.44%	2.475%
7	10.636	1283	1292	1305	rBV	938998	1637624	51.26%	6.527%
8	12.454	1593	1601	1610	rBV2	15692	62178	1.95%	0.248%
9	13.101	1705	1711	1727	rBV	948412	1498845	46.92%	5.973%
10	14.207	1894	1899	1907	rBV	88330	147688	4.62%	0.589%
11	14.483	1940	1946	1953	rBV	1303953	1961811	61.41%	7.819%
12	14.548	1953	1957	1964	rVB	42271	75535	2.36%	0.301%
13	15.536	2121	2125	2135	rBV3	45211	76383	2.39%	0.304%
14	15.848	2172	2178	2189	rVB3	49330	107556	3.37%	0.429%
15	15.983	2195	2201	2208	rBV	681486	1039316	32.53%	4.142%
16	17.236	2409	2414	2418	rBV	1497677	2158044	67.55%	8.601%
17	17.283	2418	2422	2431	rVV	580953	874068	27.36%	3.483%
18	17.371	2433	2437	2442	rVV	230280	332867	10.42%	1.327%
19	18.136	2560	2567	2569	rBV2	170055	343184	10.74%	1.368%
20	18.248	2583	2586	2592	rVB2	90027	116613	3.65%	0.465%
21	18.312	2592	2597	2601	rBV2	212331	381050	11.93%	1.519%
22	19.300	2760	2765	2772	rBV	1722900	2435138	76.22%	9.705%
23	19.636	2819	2822	2823	rBV	218458	233102	7.30%	0.929%
24	19.665	2823	2827	2836	rVB	1482365	2249400	70.41%	8.965%
25	19.865	2857	2861	2867	rBV	1554737	1861609	58.27%	7.419%
26	21.430	3122	3127	3131	rBV2	1825159	3194778	100.00%	12.732%

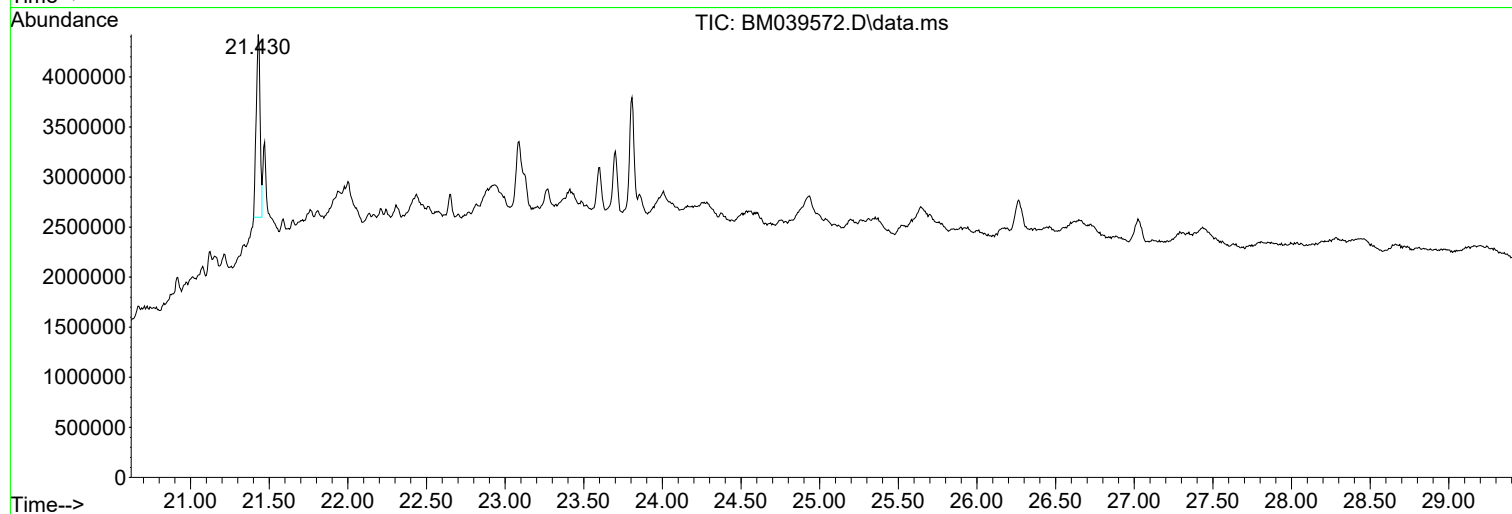
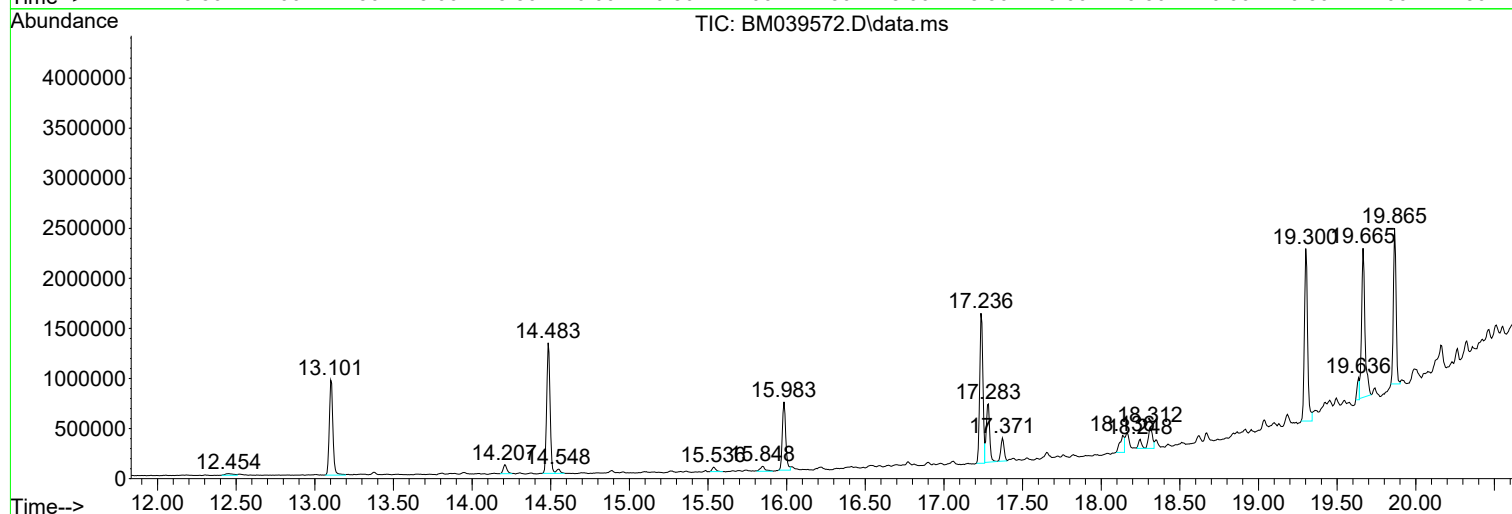
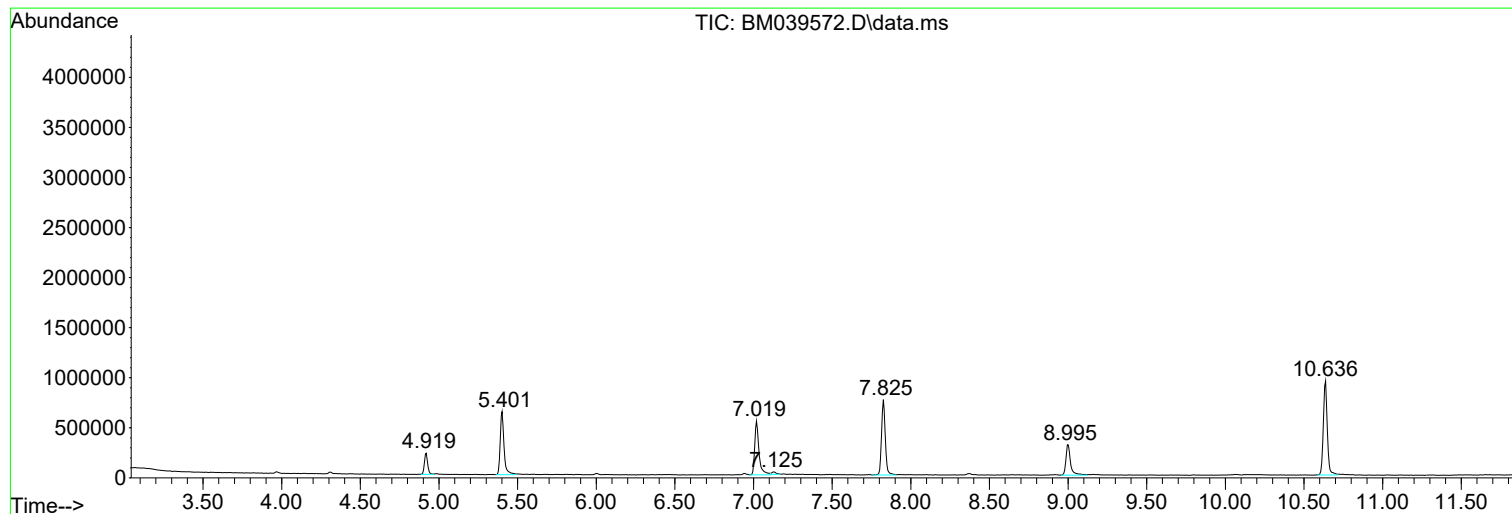
Sum of corrected areas: 25091843

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM041723.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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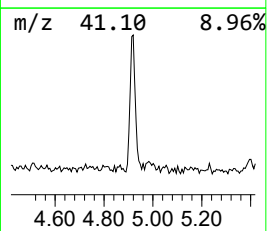
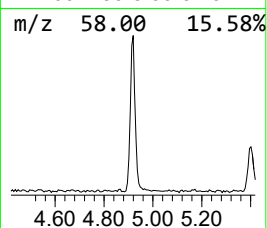
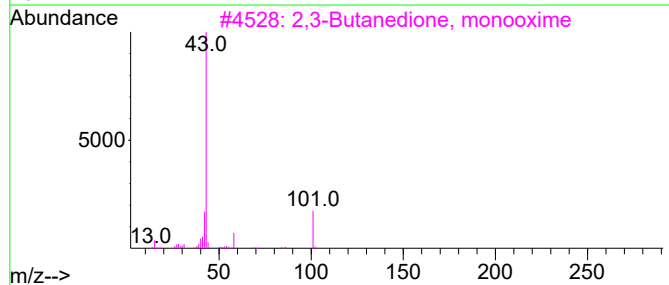
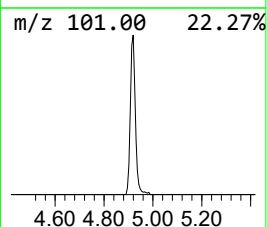
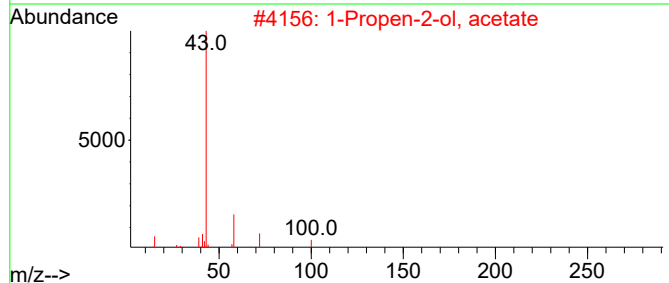
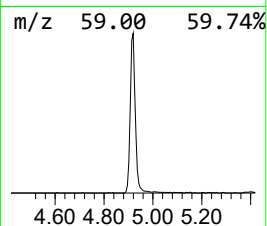
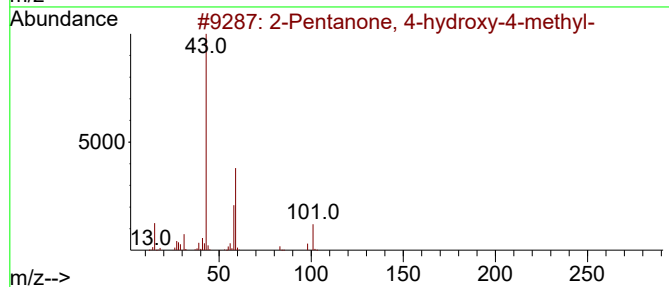
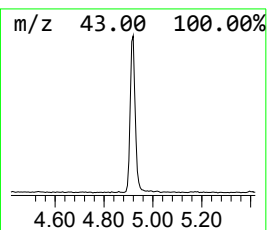
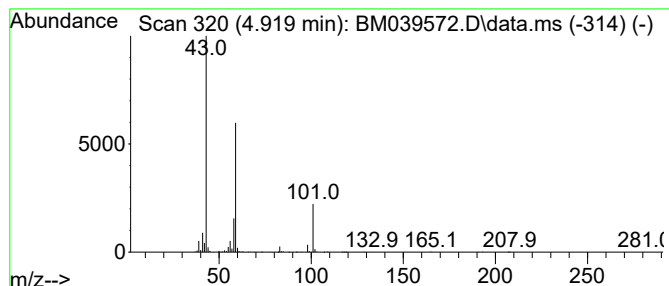
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TIC Integration Parameters: LSCINT.P

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.919	4.85 ng	304270	1,4-Dichlorobenzene-d4	7.825

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50		
2	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10		
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9		
4	(+)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9		
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9		



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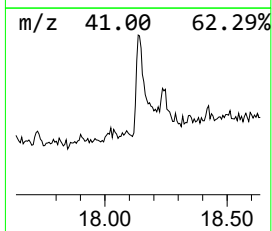
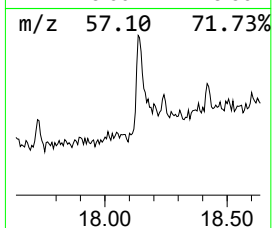
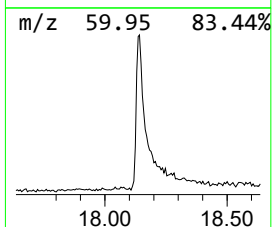
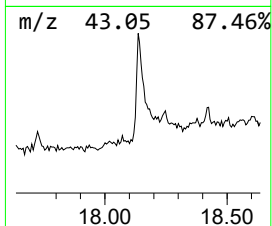
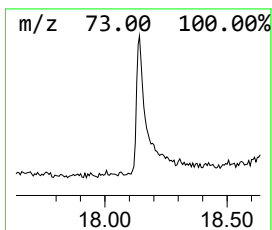
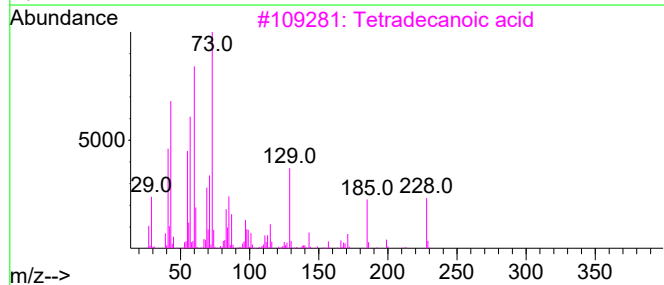
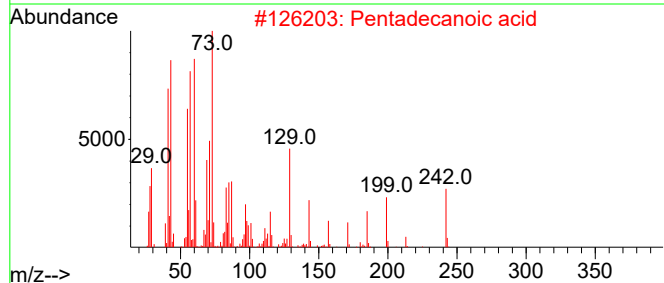
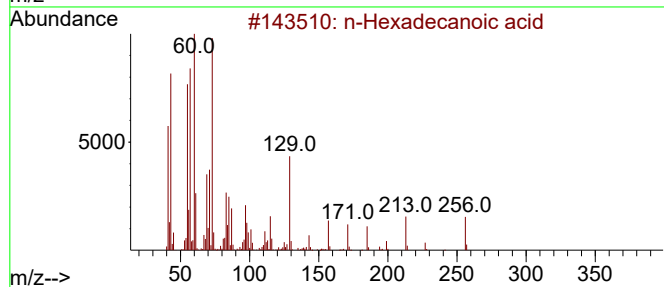
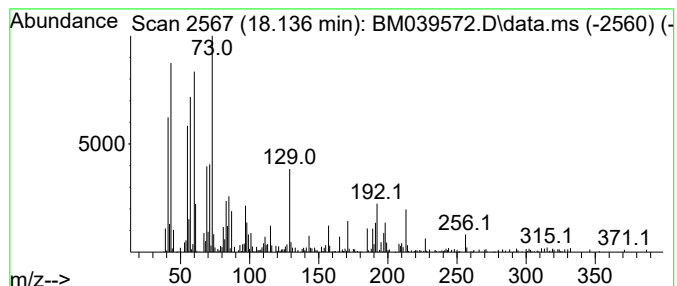
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Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.136	3.18 ng	343184	Phenanthrene-d10	17.236

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	90
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	90
4			Octadecanoic acid	284	C18H36O2	000057-11-4	81
5			Tridecanoic acid	214	C13H26O2	000638-53-9	76



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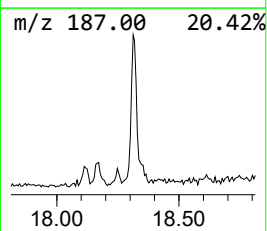
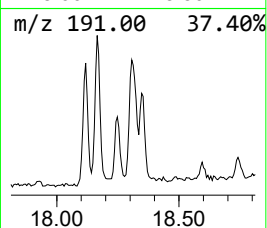
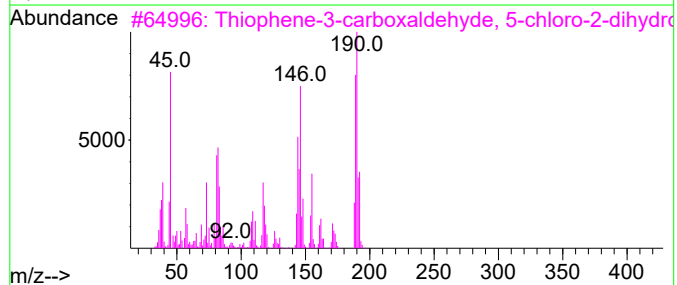
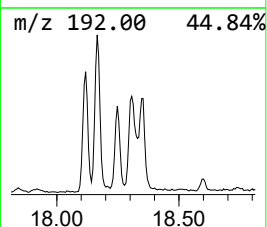
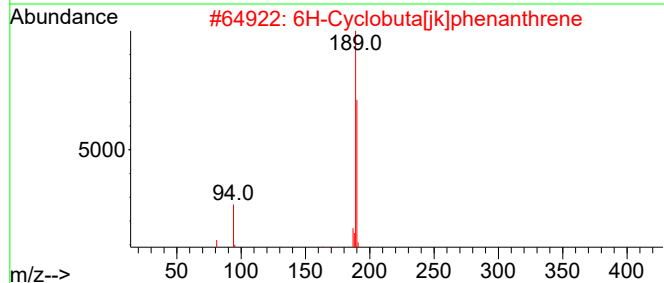
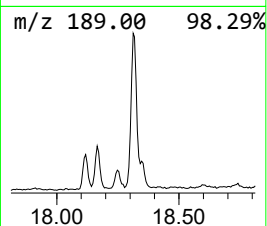
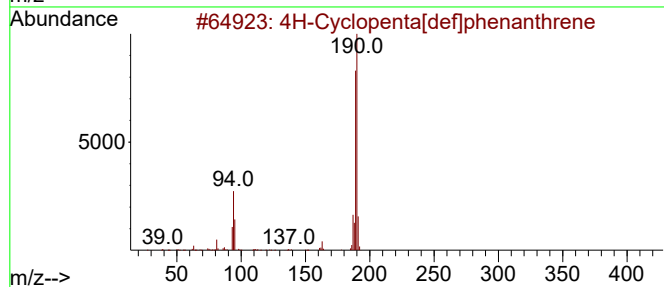
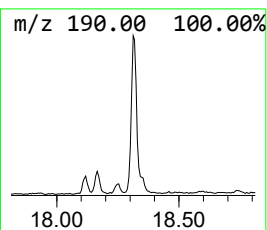
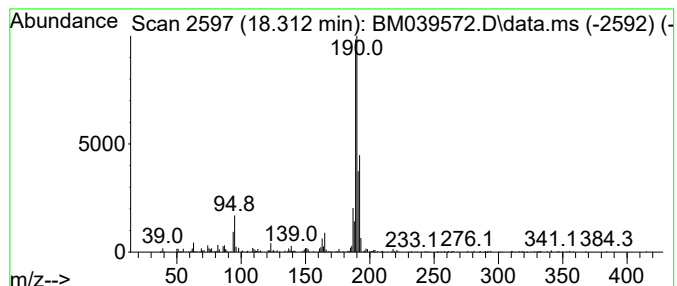
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Peak Number 3 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.312	3.53 ng	381050	Phenanthrene-d10	17.236	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	59
3	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	53
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	50
5	2,4(1H,3H)-Pyrimidinedione, 5-br...	190	C4H3BrN2O2	000051-20-7	43



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-...	4.919	4.8	ng	304270	1	7.825	1255150	20.0
n-Hexadecanoic ...	18.136	3.2	ng	343184	4	17.236	2158040	20.0
4H-Cyclopenta[d...]	18.312	3.5	ng	381050	4	17.236	2158040	20.0