LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050819\
Data File : BM020205.D
Acq On : 08 May 2019 21:23
Operator : JU/SJ
Sample : K2641-03 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CL-02-050719-B

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-BM043019.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.363	398	404	414	rBV	1367086	1989815	57.61%	5.379%
2	6.951	666	674	686	rBV	1324300	2164534	62.67%	5.851%
3	7.316	728	736	745	rBV	1403781	2220725	64.29%	6.003%
4	7.786	808	816	823	rBV	623196	1020058	29.53%	2.757%
5	8.104	863	870	878	rBV	1015815	1688015	48.87%	4.563%
6	8.951	1005	1014	1024	rBV	781894	1328569	38.46%	3.591%
7	10.580	1284	1291	1298	rBV	723533	1242153	35.96%	3.358%
8	13.045	1703	1710	1721	rBV	1751798	2593674	75.09%	7.011%
9	13.886	1847	1853	1858	rBV	175014	240470	6.96%	0.650%
10	14.157	1891	1899	1905	rBV	58275	96897	2.81%	0.262%
11	14.433	1933	1946	1953	rBV2	1029835	1658111	48.01%	4.482%
12	14.498	1953	1957	1962	rVB	44800	68004	1.97%	0.184%
13	14.827	2005	2013	2022	rBV2	38373	79558	2.30%	0.215%
14	15.480	2119	2124	2134	rBV	68830	112826	3.27%	0.305%
15	15.768	2169	2173	2179	rVB4	18268	35073	1.02%	0.095%
16	15.921	2193	2199	2207	rBV	1610018	2234813	64.70%	6.041%
17	16.145	2231	2237	2242	rVB9	32653	77084	2.23%	0.208%
18	16.480	2288	2294	2298	rBV9	20291	46135	1.34%	0.125%
19	16.915	2364	2368	2372	rBV7	26921	38254	1.11%	0.103%
20	16.968	2372	2377	2379	rVV5	25508	41879	1.21%	0.113%
21	16.998	2379	2382	2387	rVB	42800	60016	1.74%	0.162%
22	17.180	2406	2413	2417	rBV	1376852	2006533	58.09%	5.424%
23	17.221	2417	2420	2427	rVV	657108	852467	24.68%	2.304%
24	17.309	2430	2435	2442	rVV	186890	275280	7.97%	0.744%
25	17.586	2479	2482	2486	rVB	37272	48149	1.39%	0.130%
26	18.056	2557	2562	2566	rBV3	218339	337351	9.77%	0.912%
27	18.098	2566	2569	2575	rVB	115239	174851	5.06%	0.473%
28	18.180	2580	2583	2588	rVB3	48939	69982	2.03%	0.189%
29	18.250	2588	2595	2598	rBV3	158014	288171	8.34%	0.779%
30	18.556	2644	2647	2650	rVB	59289	70311	2.04%	0.190%
31	18.598	2651	2654	2661	rVB3	53025	76637	2.22%	0.207%
32	18.974	2714	2718	2722	rBV3	81580	148294	4.29%	0.401%
33	19.115	2739	2742	2748	rBV2	63778	96372	2.79%	0.261%
34	19.239	2758	2763	2768	rBV	1491552	1909568	55.29%	5.162%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050819\
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Acq On : 08 May 2019 21:23
Operator : JU/SJ
Sample : K2641-03 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CL-02-050719-B

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-BM043019.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	19.568	2815	2819	2821	rBV2	229583	318981	9.24%	0.862%
36	19.603	2821	2825	2833	rVB	1226735	1660396	48.07%	4.488%
37	19.803	2854	2859	2864	rBV	2775139	3361397	97.32%	9.087%
38	21.362	3118	3124	3128	rBV2	2029652	3453980	100.00%	9.337%
39	21.403	3128	3131	3137	rVB	672275	882266	25.54%	2.385%
40	23.662	3510	3515	3520	rVB	1131731	1925260	55.74%	5.204%

Sum of corrected areas: 36992909

LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050819\
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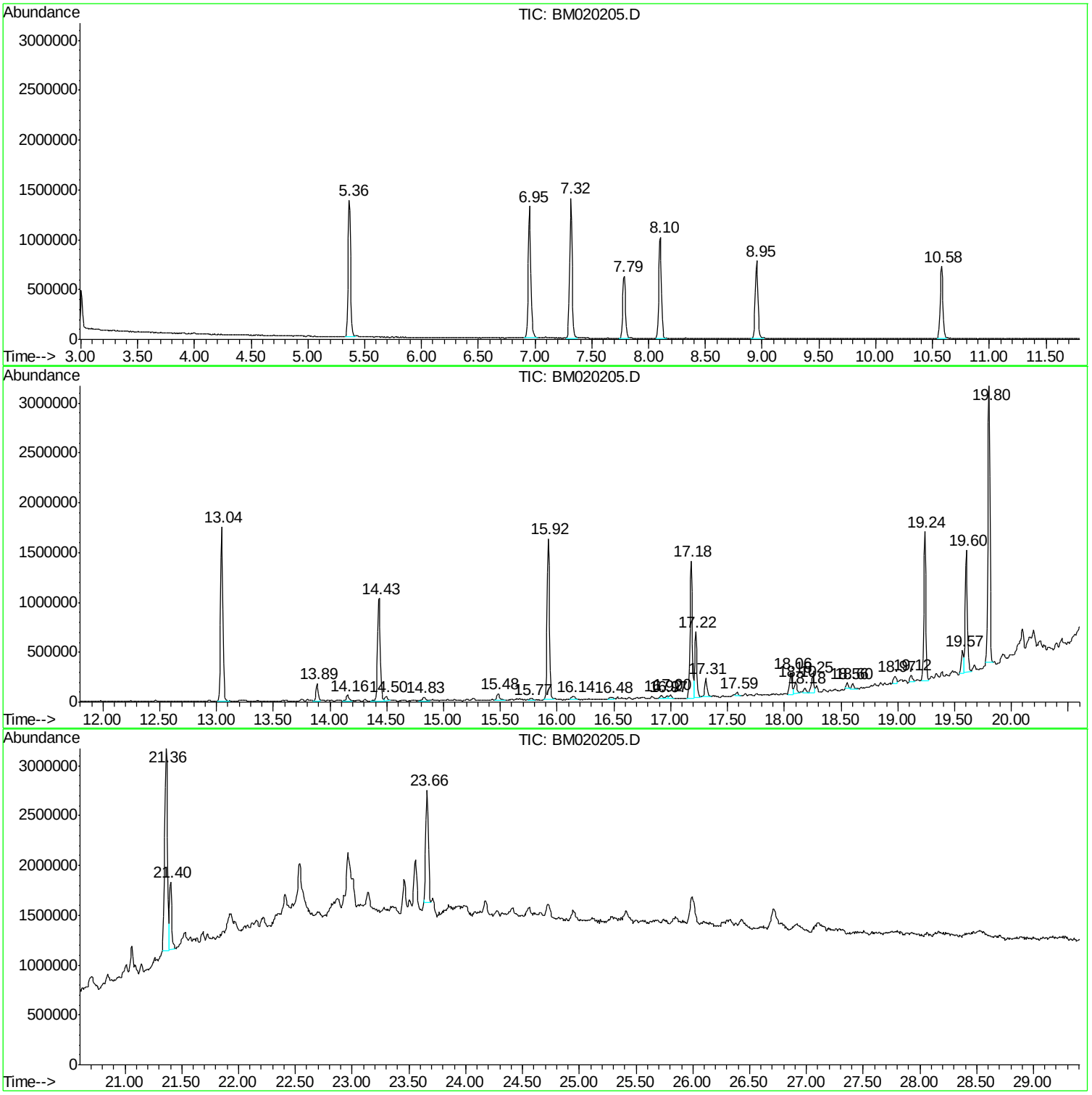
Operator : JU/SJ
Sample : K2641-03 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CL-02-050719-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM043019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050819\
Data File : BM020205.D
Acq On : 08 May 2019 21:23
Operator : JU/SJ
Sample : K2641-03 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CL-02-050719-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM043019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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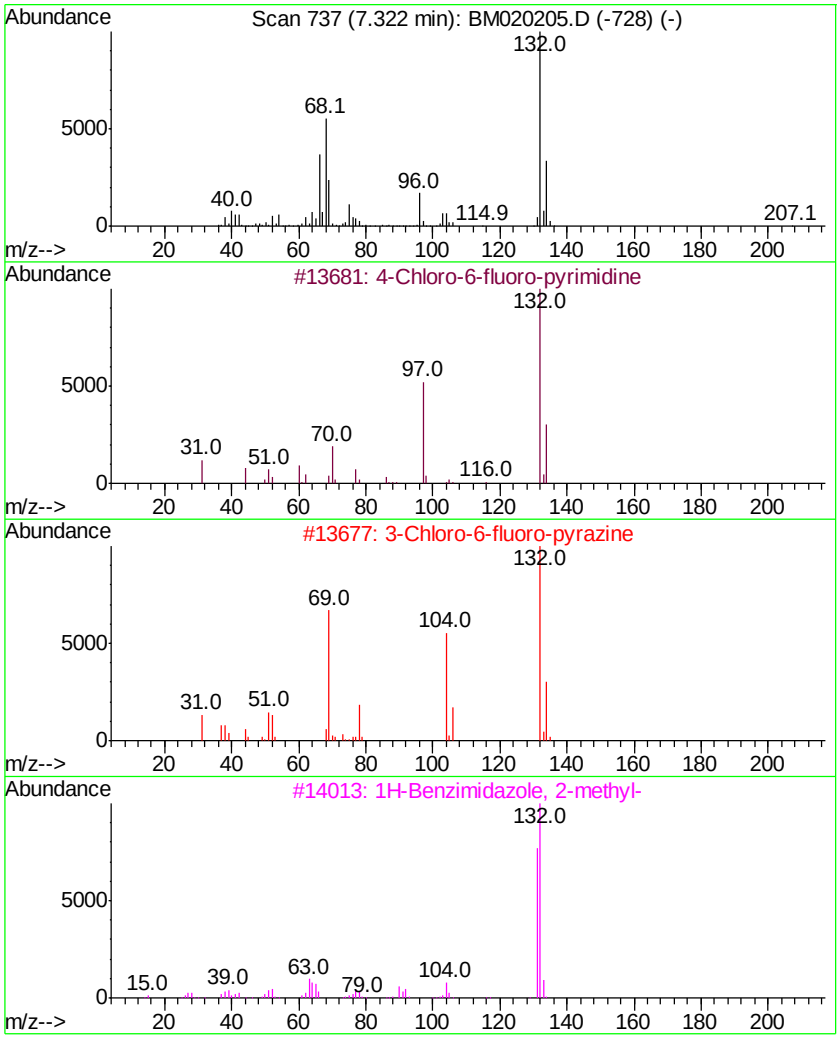
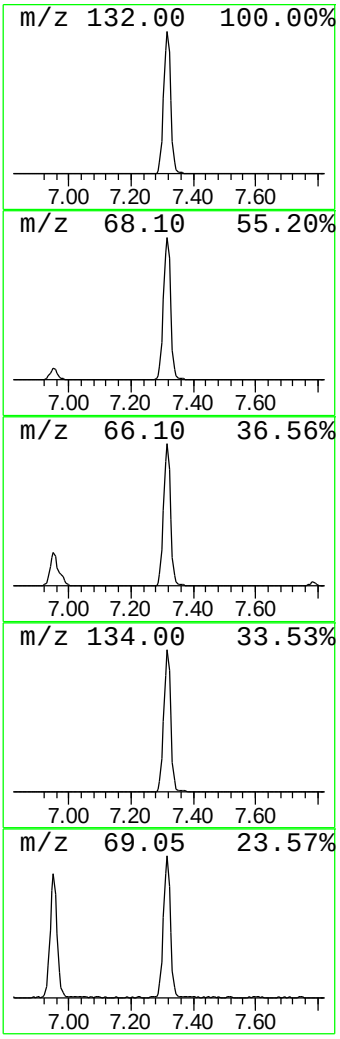
Peak Number 1 unknown7.32 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.32	43.54 ng	2220730	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
4	Pyrazolo(2,3-a)pyridine, 7-methyl-	132	C8H8N2	034760-58-2	22
5	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	12





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Operator : JU/SJ
Sample : K2641-03 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CL-02-050719-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM043019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

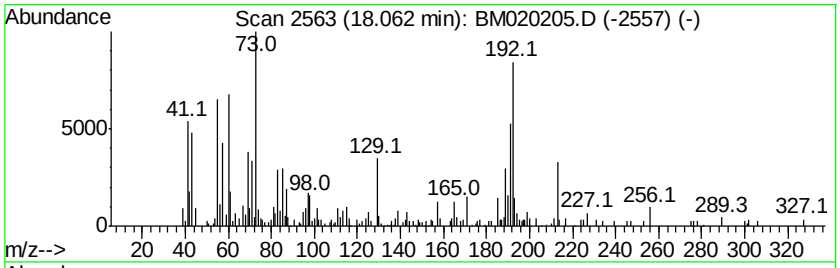
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

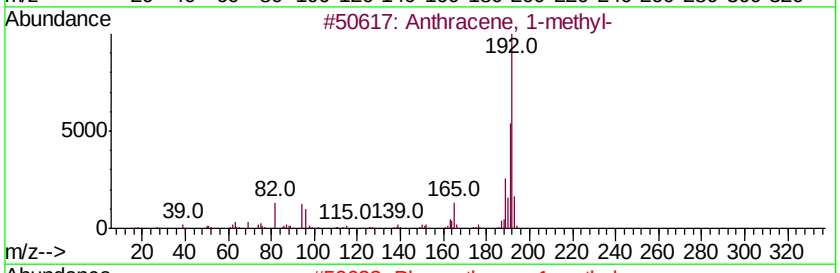
****

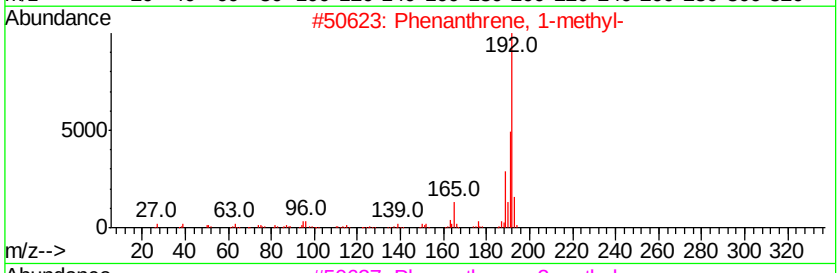
Peak Number 3 Anthracene, 1-methyl- Concentration Rank 3

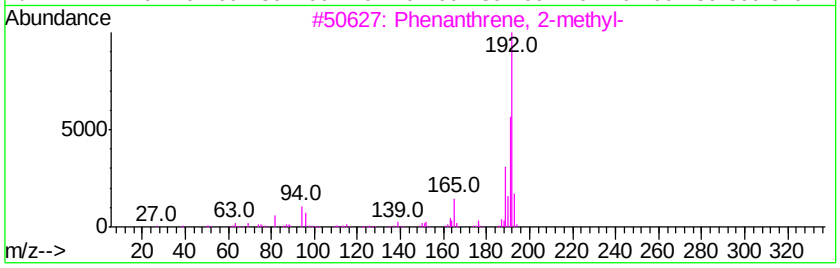
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.06	3.36 ng	337351	Phenanthrene-d10	17.18

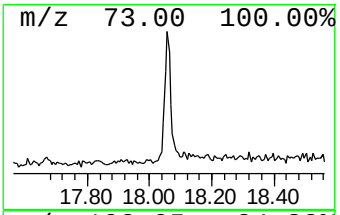
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	86
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	86
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	86
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	83
5	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	83

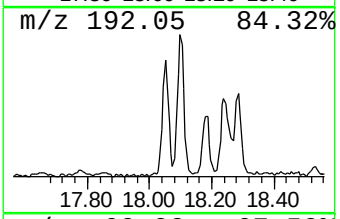


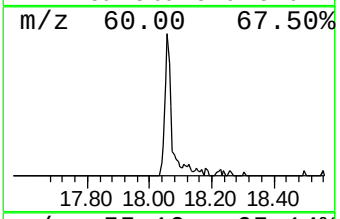


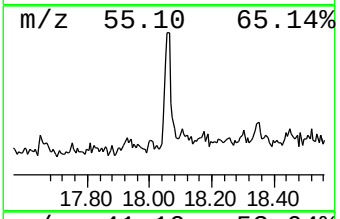


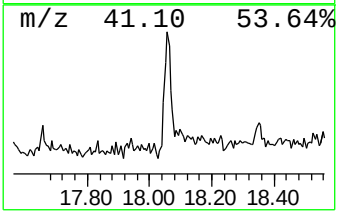












Library Search Compound Report

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

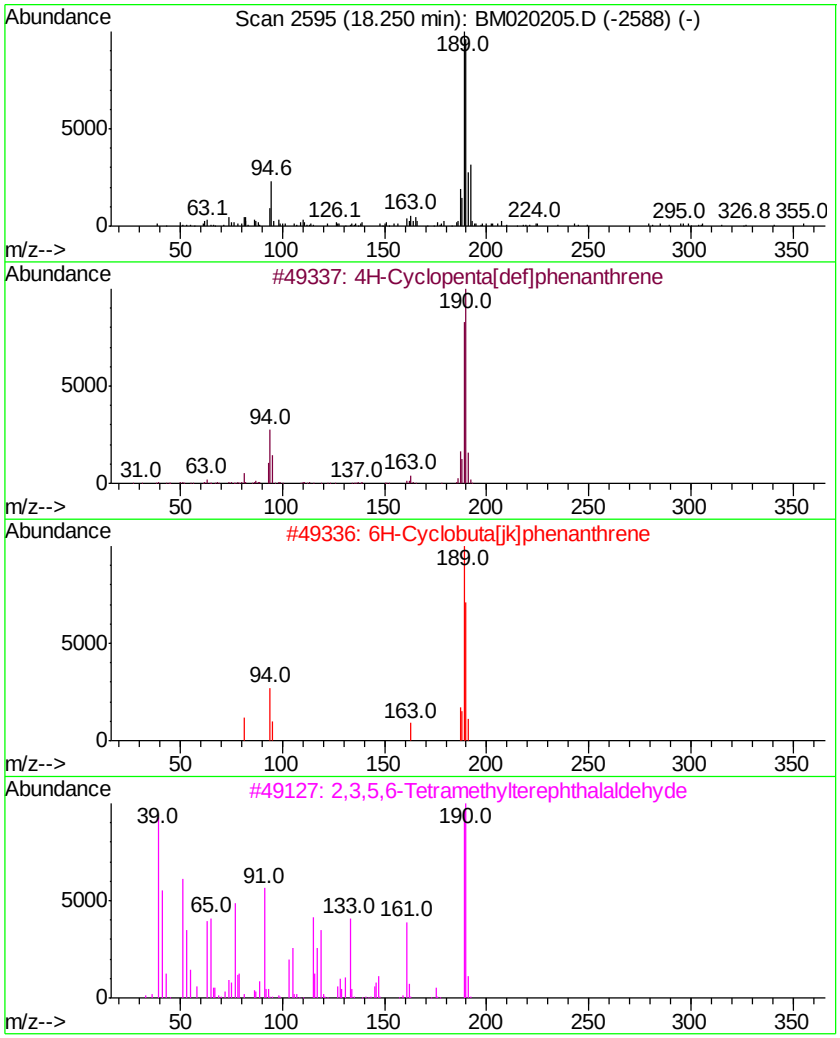
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

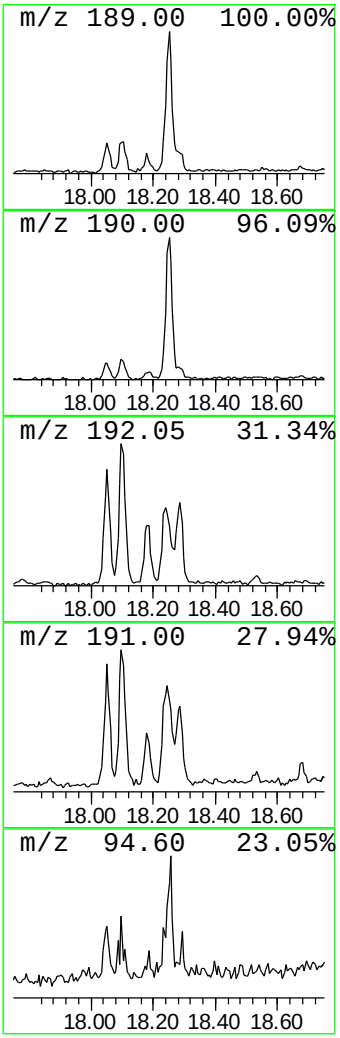
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.25	2.87 ng	288171	Phenanthrene-d10	17.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	87
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	72
3	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
4	Pyrazole-4-carboxaldehyde, 3-(4-...	190	C10H7FN2O	306936-57-2	33
5	Phenol, 4-(2-thienylmethyl)-	190	C11H10OS	091680-55-6	33





Tentatively Identified Compound (LSC) summary

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown7.32	7.32	43.5	ng	2220730	1	7.79	1020060	20.0
Anthracene, 1-met...	18.06	3.4	ng	337351	4	17.18	2006530	20.0
4H-Cyclopenta[def...	18.25	2.9	ng	288171	4	17.18	2006530	20.0