LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101918\
Data File : BM017244.D
Acq On : 19 Oct 2018 23:41
Operator : MJ/SJ
Sample : J5575-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSSI-1015-S-DH-25A-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-BM101718.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	4.834	309	314	325	rBV	201658	281902	2.83%	0.279%
2	5.281	383	390	399	rBV	3465674	4982380	50.01%	4.938%
3	6.846	648	656	672	rBV	3618997	6102021	61.25%	6.048%
4	7.199	709	716	728	rBV	3604251	5593026	56.14%	5.543%
5	7.664	788	795	802	rBV	1044547	1617750	16.24%	1.603%
6	7.981	839	849	856	rBV	2579327	4084493	41.00%	4.048%
7	8.816	983	991	1006	rBV	2178994	3488830	35.02%	3.458%
8	10.440	1259	1267	1271	rBV	1392711	2345267	23.54%	2.324%
9	10.487	1271	1275	1284	rVB	737071	1238754	12.43%	1.228%
10	12.104	1543	1550	1561	rBV	289740	466336	4.68%	0.462%
11	12.328	1579	1588	1597	rBV	156798	252540	2.53%	0.250%
12	12.922	1682	1689	1697	rBV	5415690	7800270	78.30%	7.731%
13	13.134	1720	1725	1733	rVB	130723	189086	1.90%	0.187%
14	13.475	1775	1783	1790	rBV4	49123	136066	1.37%	0.135%
15	13.622	1803	1808	1814	rBV2	79005	140017	1.41%	0.139%
16	13.769	1826	1833	1841	rBV	389126	564511	5.67%	0.559%
17	14.028	1869	1877	1882	rVB	69736	102692	1.03%	0.102%
18	14.304	1913	1924	1930	rBV2	2122221	3308168	33.21%	3.279%
19	14.369	1930	1935	1944	rVB	1096311	1563552	15.69%	1.550%
20	14.704	1986	1992	2001	rBV	603082	874643	8.78%	0.867%
21	15.357	2097	2103	2114	rBV	942080	1363515	13.69%	1.351%
22	15.481	2121	2124	2128	rVV	91791	115944	1.16%	0.115%
23	15.522	2128	2131	2135	rVB	127765	162139	1.63%	0.161%
24	15.610	2142	2146	2149	rVV2	76770	100111	1.00%	0.099%
25	15.657	2149	2154	2163	rVB	143231	219621	2.20%	0.218%
26	15.798	2171	2178	2188	rBV	4671269	6688868	67.14%	6.629%
27	16.363	2262	2274	2279	rBV3	94221	235465	2.36%	0.233%
28	16.710	2329	2333	2341	rVB	112081	177652	1.78%	0.176%
29	16.875	2356	2361	2370	rVB	224861	337527	3.39%	0.335%
30	17.057	2385	2392	2395	rBV	2651894	3804455	38.19%	3.770%
31	17.098	2395	2399	2405	rVV	4303835	5831339	58.53%	5.779%
32	17.186	2405	2414	2420	rVB	827494	1259358	12.64%	1.248%
33	17.463	2451	2461	2470	rBV	436339	713510	7.16%	0.707%
34	17.934	2534	2541	2543	rBV	241035	362390	3.64%	0.359%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101918\
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Acq On : 19 Oct 2018 23:41
Operator : MJ/SJ
Sample : J5575-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSSI-1015-S-DH-25A-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-BM101718.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	17.981	2543	2549	2555	rVV2	386684	761119	7.64%	0.754%
36	18.057	2555	2562	2568	rVV2	101907	192365	1.93%	0.191%
37	18.128	2568	2574	2578	rVV4	459298	789464	7.92%	0.782%
38	18.163	2578	2580	2588	rVB	139802	168950	1.70%	0.167%
39	18.439	2622	2627	2630	rBV	183614	257965	2.59%	0.256%
40	18.481	2630	2634	2639	rVB	105868	140566	1.41%	0.139%
41	18.857	2692	2698	2701	rBV	58317	105281	1.06%	0.104%
42	18.992	2717	2721	2730	rBV4	50963	100640	1.01%	0.100%
43	19.116	2736	2742	2750	rBV	3033369	4145149	41.61%	4.108%
44	19.480	2800	2804	2809	rVB	1993925	2734513	27.45%	2.710%
45	19.557	2813	2817	2823	rVB	99690	155787	1.56%	0.154%
46	19.692	2831	2840	2845	rBV	7945747	9962435	100.00%	9.873%
47	19.810	2854	2860	2866	rBV3	111199	280834	2.82%	0.278%
48	19.945	2878	2883	2885	rBV6	88011	149894	1.50%	0.149%
49	19.980	2885	2889	2893	rVB	264105	357748	3.59%	0.355%
50	20.080	2902	2906	2910	rBV	257803	333503	3.35%	0.331%
51	20.139	2910	2916	2919	rVV2	151368	267430	2.68%	0.265%
52	20.175	2919	2922	2927	rVB	109590	135407	1.36%	0.134%
53	20.392	2956	2959	2962	rBV3	80579	107023	1.07%	0.106%
54	20.510	2975	2979	2983	rBV2	137489	177329	1.78%	0.176%
55	20.727	3014	3016	3022	rVB	90191	114585	1.15%	0.114%
56	20.892	3041	3044	3048	rBV	123161	172934	1.74%	0.171%
57	20.933	3048	3051	3054	rBV	156441	179641	1.80%	0.178%
58	20.974	3054	3058	3063	rBV3	460024	693615	6.96%	0.687%
59	21.245	3098	3104	3108	rBV2	3284248	5289803	53.10%	5.243%
60	21.286	3108	3111	3118	rVB	721078	960311	9.64%	0.952%
61	21.410	3127	3132	3139	rBV3	252923	428244	4.30%	0.424%
62	21.845	3203	3206	3210	rBV4	166268	200299	2.01%	0.199%
63	22.798	3364	3368	3373	rBV	471976	916122	9.20%	0.908%
64	23.363	3460	3464	3470	rVB2	312483	545201	5.47%	0.540%
65	23.463	3474	3481	3488	rBV	1829433	3572541	35.86%	3.541%

Sum of corrected areas: 100900896

LSC Report - Integrated Chromatogram

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101918\
Data File : BM017244.D
Acq On : 19 Oct 2018 23:41
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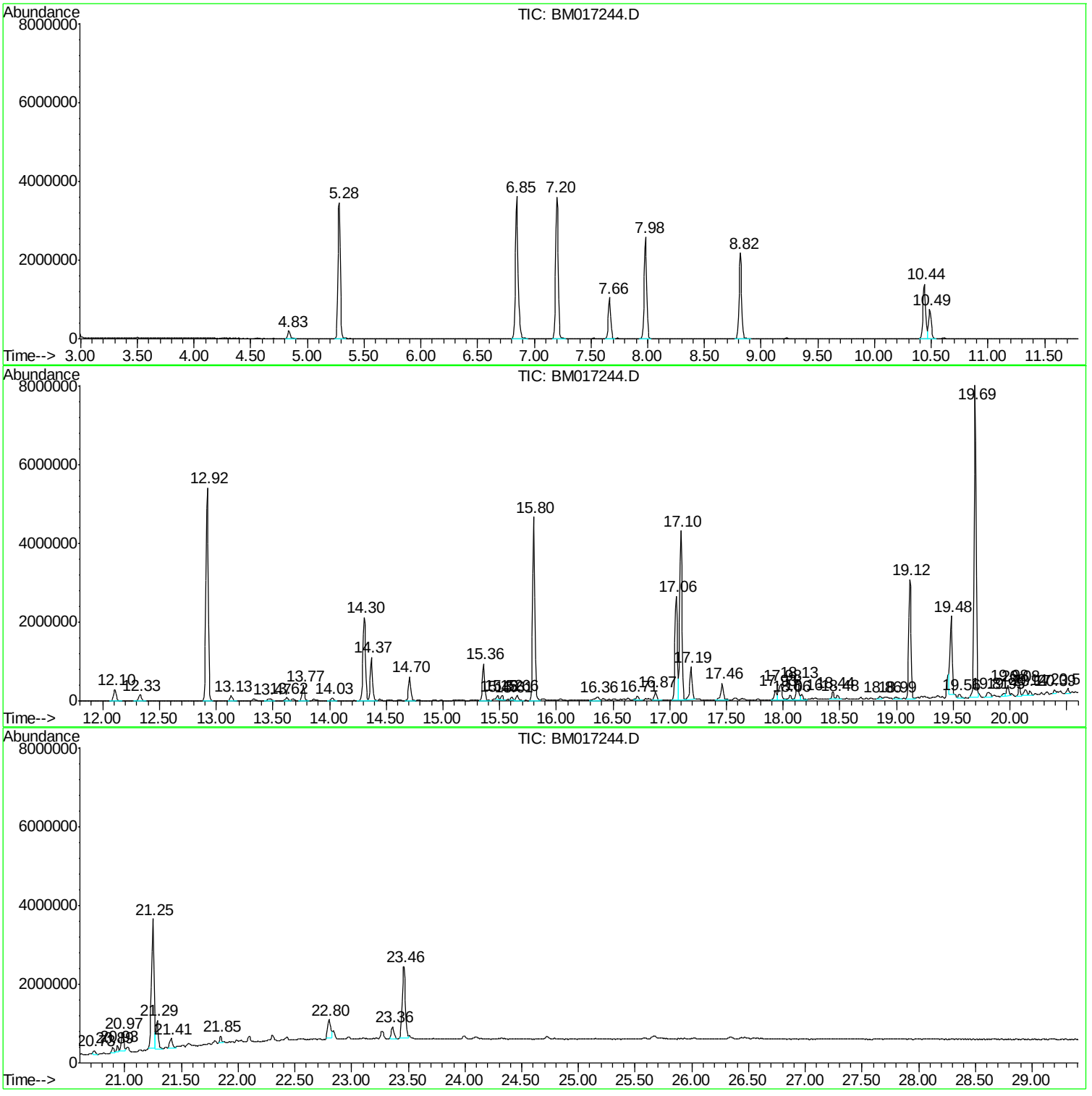
Sample : J5575-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSSI-1015-S-DH-25A-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM101718.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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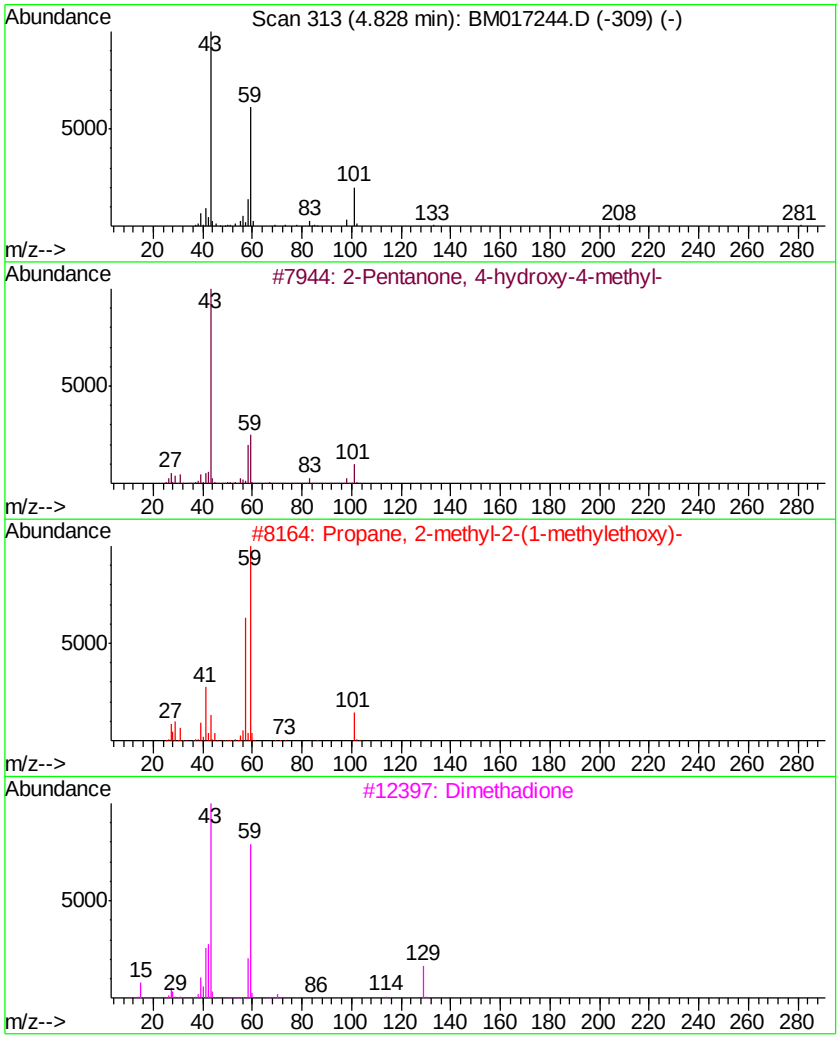
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

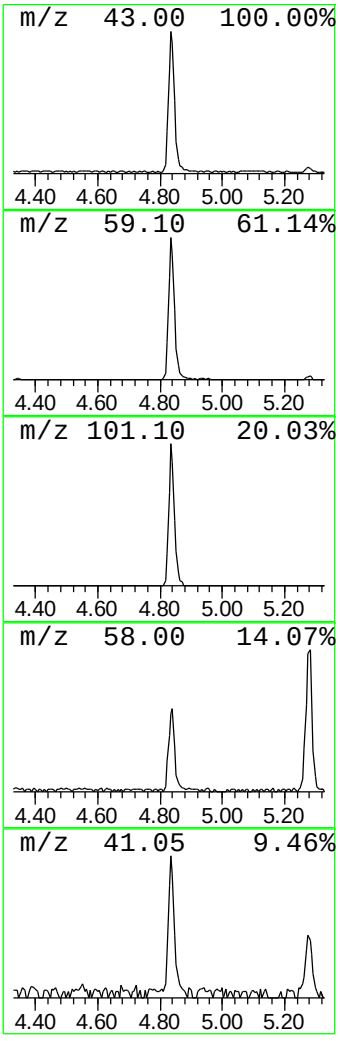
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.83	3.49 ng	281902	1,4-Dichlorobenzene-d4	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	50
3	Dimethadione	129	C5H7NO3	000695-53-4	25
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
5	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	23





Library Search Compound Report

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Misc :
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Instrument : BNA_M
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM101718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

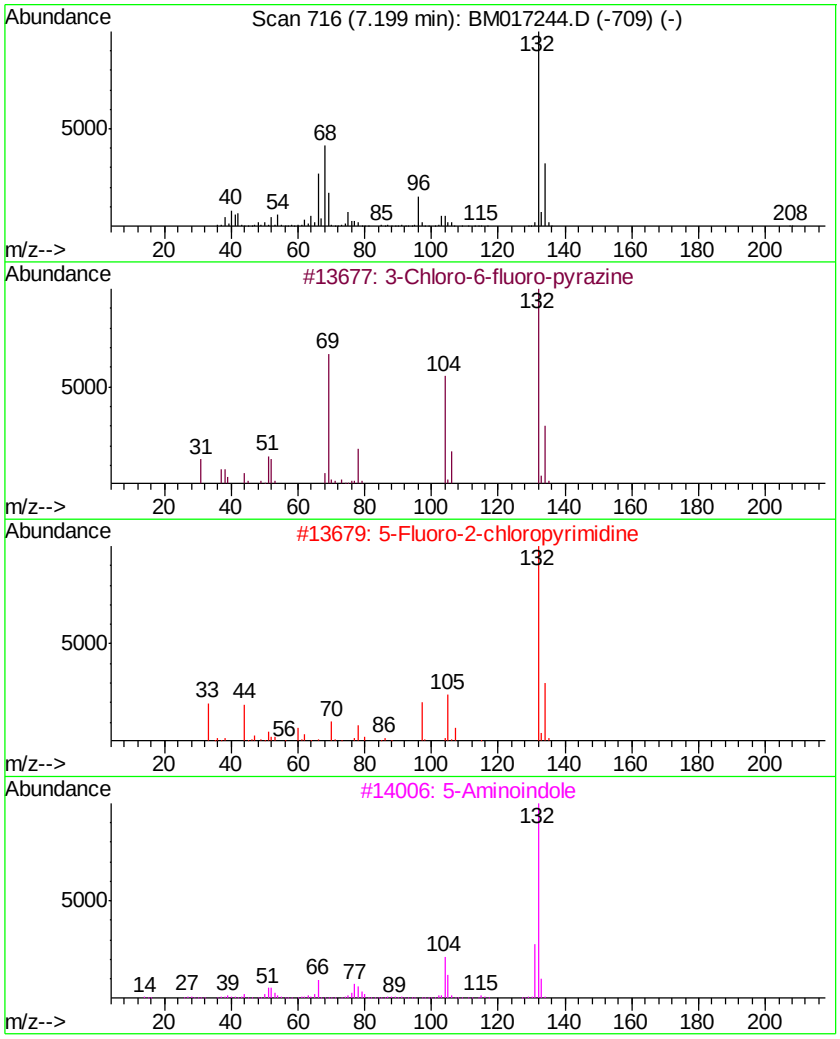
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

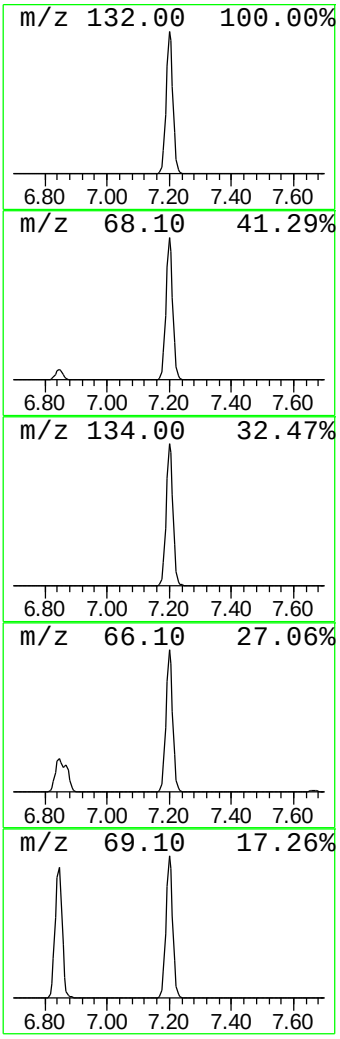
****

Peak Number 2 unknown7.20 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.20	69.15 ng	5593030	1,4-Dichlorobenzene-d4	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





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Instrument : BNA_M
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM101718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

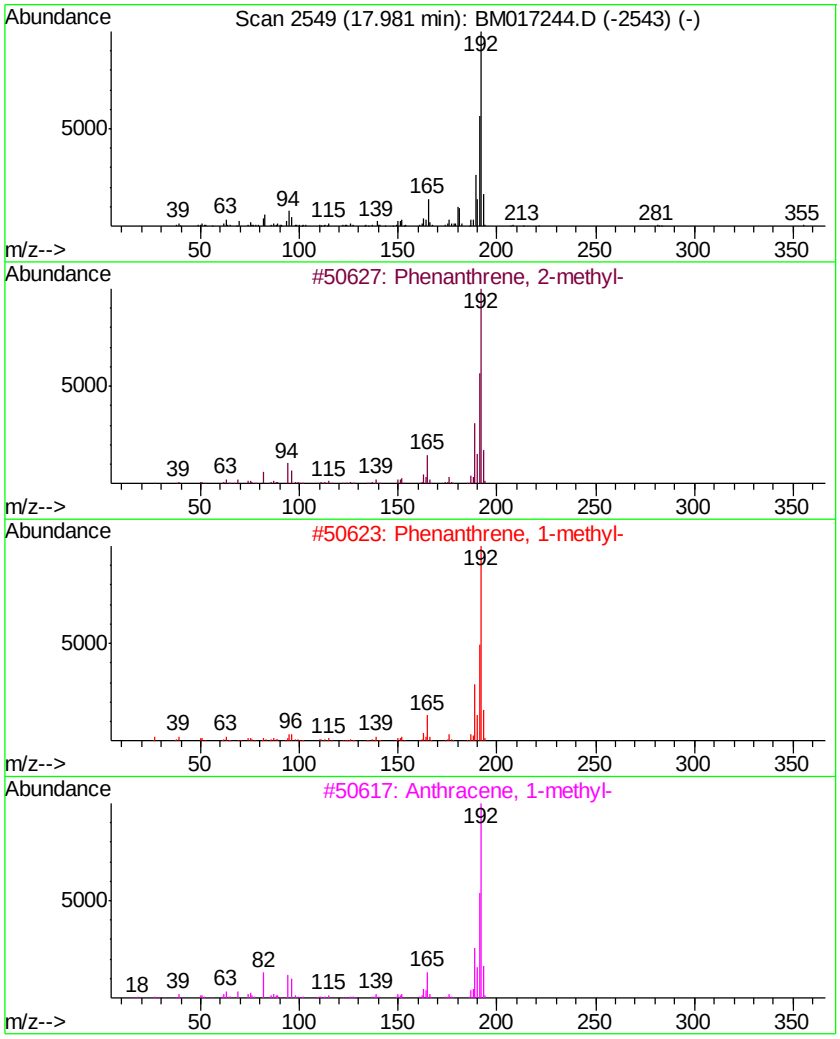
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

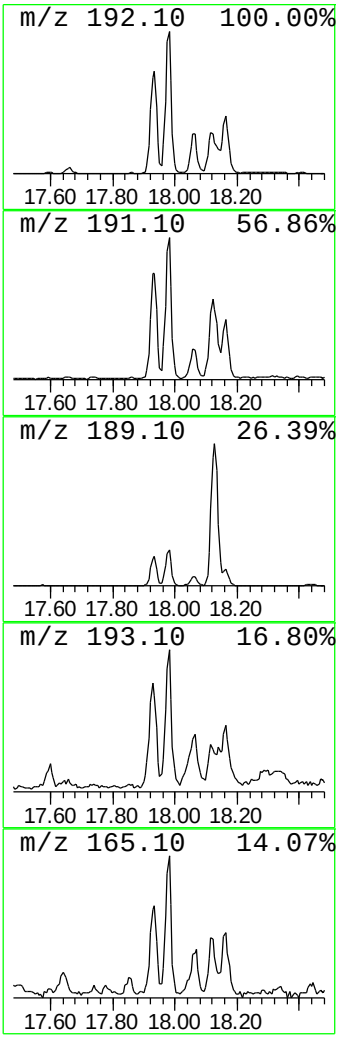
****

Peak Number 5 Phenanthrene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.98	4.00 ng	761119	Phenanthrene-d10	17.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	90
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	89





Library Search Compound Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101918\
Data File : BM017244.D
Acq On : 19 Oct 2018 23:41
Operator : MJ/SJ
Sample : J5575-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSSI-1015-S-DH-25A-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM101718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

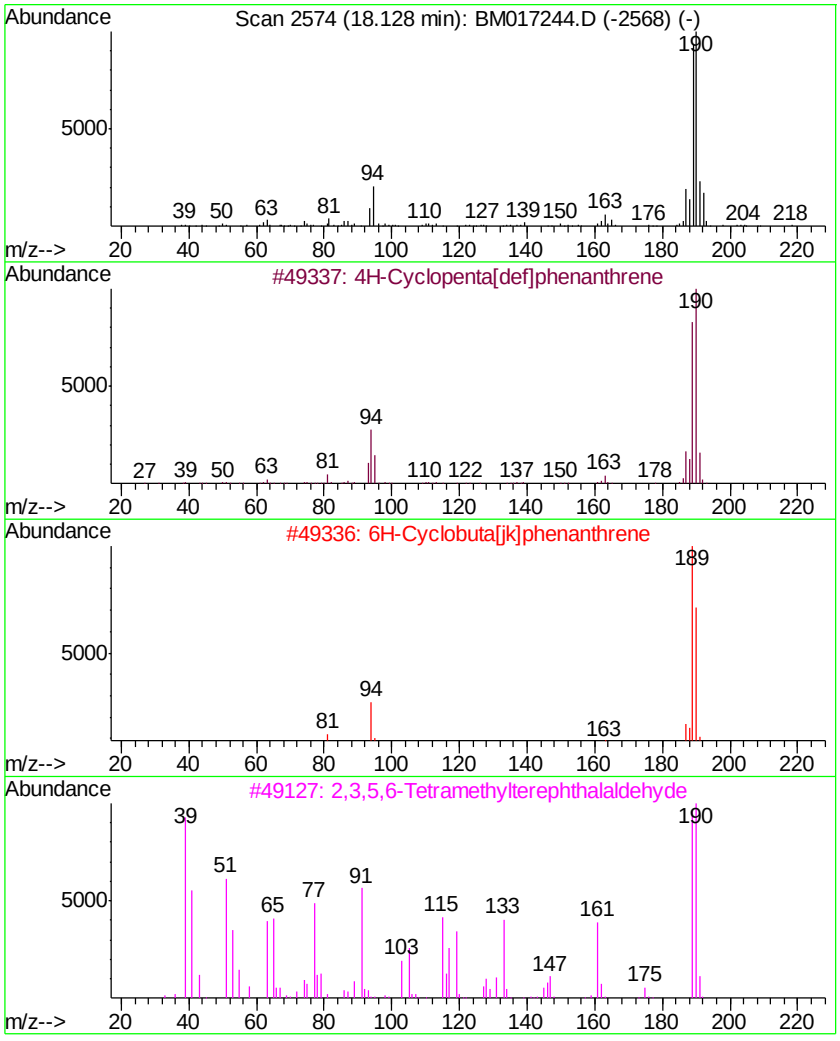
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

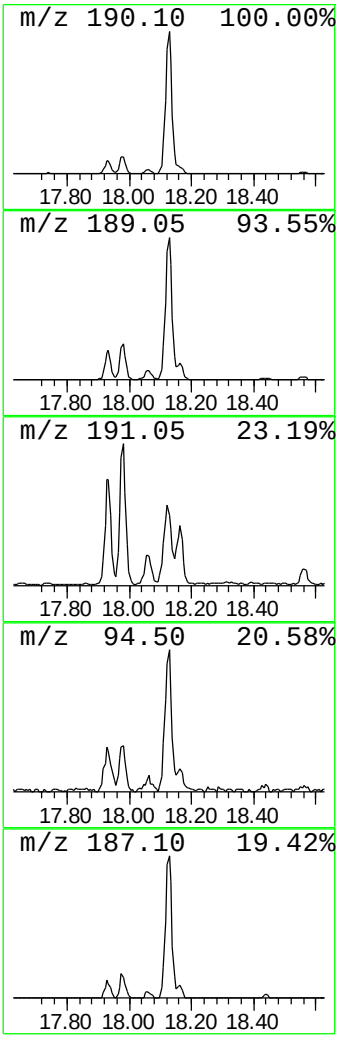
****

Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.13	4.15 ng	789464	Phenanthrene-d10	17.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	91
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	56
3	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45
5	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	40





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Sample : J5575-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSSI-1015-S-DH-25A-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM101718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

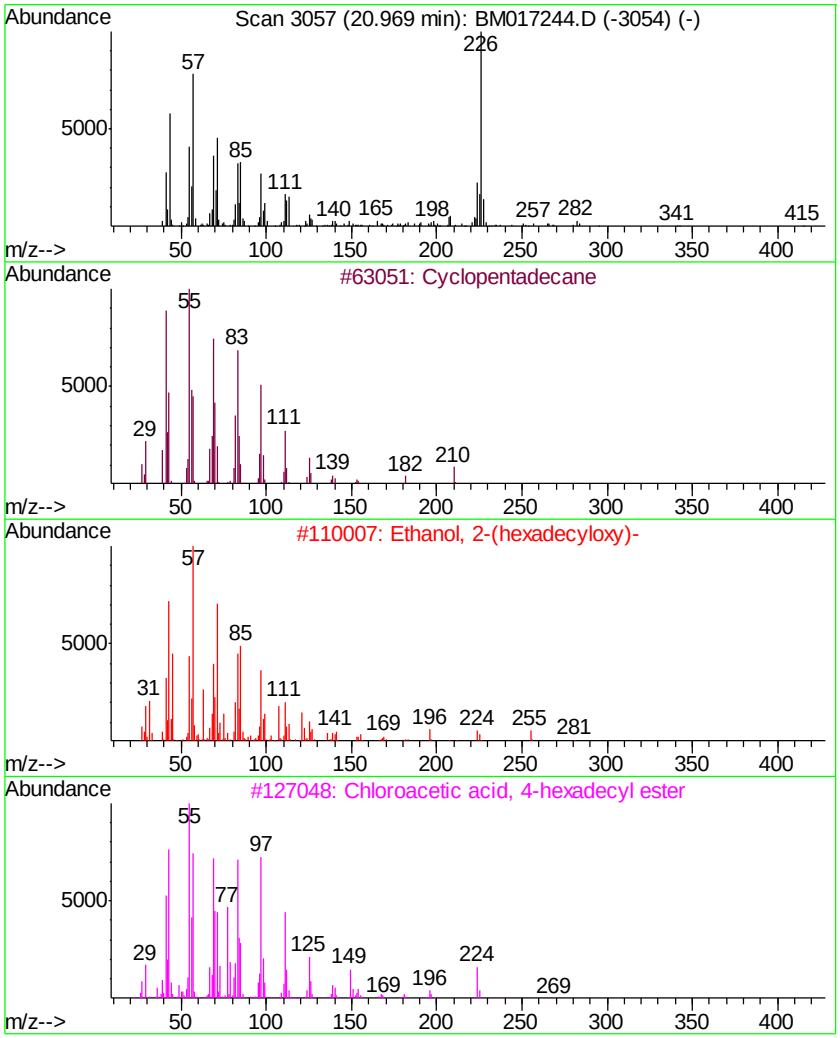
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

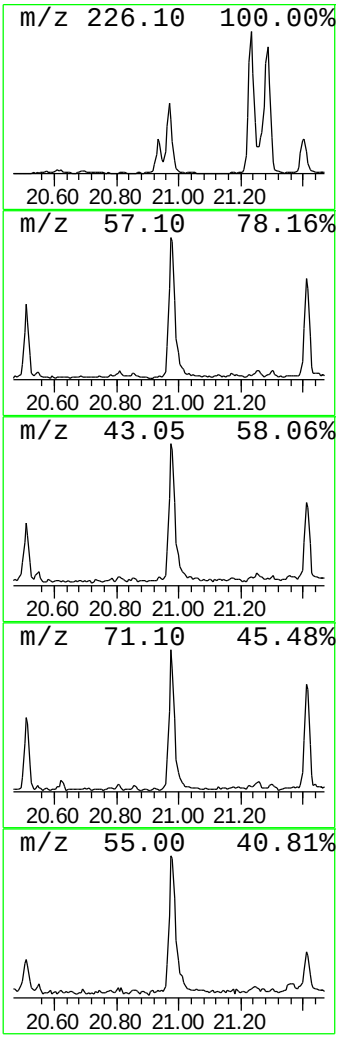
****

Peak Number 7 Cyclopentadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.97	2.62 ng	693615	Chrysene-d12	21.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentadecane	210	C15H30	000295-48-7	53
2	Ethanol, 2-(hexadecyloxy)-	286	C18H38O2	002136-71-2	52
3	Chloroacetic acid, 4-hexadecyl e...	318	C18H35ClO2	1000282-93-2	49
4	7-Hexadecene, (Z)-	224	C16H32	035507-09-6	46
5	3-Chloropropionic acid, heptadec...	346	C20H39ClO2	1000283-05-1	46





Tentatively Identified Compound (LSC) summary

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Instrument :
BNA_M
ClientSampleId :
SSSI-1015-S-DH-25A-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM101718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.83	3.5	ng	281902	1	7.66	1617750	20.0
unknown7.20	7.20	69.2	ng	5593030	1	7.66	1617750	20.0
Phenanthrene, 2-m...	17.98	4.0	ng	761119	4	17.06	3804460	20.0
4H-Cyclopenta[def...	18.13	4.2	ng	789464	4	17.06	3804460	20.0
Cyclopentadecane	20.97	2.6	ng	693615	5	21.25	5289800	20.0