LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030119\
Data File : BM018994.D
Acq On : 01 Mar 2019 19:32
Operator : JU/SJ
Sample : K1665-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 200051

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-BM021119.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	5.275	366	372	392	rBV	3727480	5500117	51.17%	6.214%
2	6.857	634	641	659	rBV	3783647	6149779	57.22%	6.948%
3	7.216	695	702	720	rBV	4037051	6263268	58.27%	7.076%
4	7.681	774	781	788	rBV	967196	1524028	14.18%	1.722%
5	7.998	827	835	852	rVB	2708140	4274147	39.77%	4.829%
6	8.851	972	980	997	rBV	2101941	3634629	33.82%	4.106%
7	10.469	1248	1255	1260	rBV	1267684	2141096	19.92%	2.419%
8	10.516	1260	1263	1278	rVB	208616	368280	3.43%	0.416%
9	12.139	1530	1539	1549	rBV	110449	197503	1.84%	0.223%
10	12.363	1571	1577	1584	rVB	74520	122905	1.14%	0.139%
11	12.945	1669	1676	1691	rBV	5367779	8054077	74.93%	9.099%
12	13.798	1815	1821	1831	rBV	389711	573132	5.33%	0.647%
13	14.333	1899	1912	1918	rBV2	1959041	2990937	27.83%	3.379%
14	14.398	1918	1923	1932	rVB	314126	477417	4.44%	0.539%
15	14.733	1974	1980	1988	rBV	190708	303786	2.83%	0.343%
16	15.386	2085	2091	2102	rBV	336256	502503	4.68%	0.568%
17	15.833	2160	2167	2178	rBV	4723923	6798154	63.25%	7.680%
18	16.392	2251	2262	2266	rBV2	63722	146473	1.36%	0.165%
19	16.910	2346	2350	2356	rVB	113154	168269	1.57%	0.190%
20	17.086	2372	2380	2384	rBV2	2542432	3602616	33.52%	4.070%
21	17.127	2384	2387	2396	rVV	1947206	2719194	25.30%	3.072%
22	17.221	2398	2403	2408	rVB	155356	227497	2.12%	0.257%
23	17.504	2442	2451	2458	rBV	183545	319160	2.97%	0.361%
24	17.974	2523	2531	2534	rBV2	392023	677052	6.30%	0.765%
25	18.010	2534	2537	2542	rVB	263774	353647	3.29%	0.400%
26	18.157	2556	2562	2566	rBV2	342367	570056	5.30%	0.644%
27	18.192	2566	2568	2575	rVB	106843	150549	1.40%	0.170%
28	18.468	2610	2615	2619	rBV	141645	191725	1.78%	0.217%
29	18.515	2619	2623	2629	rVB	90508	126328	1.18%	0.143%
30	18.886	2681	2686	2690	rBV	84086	153456	1.43%	0.173%
31	19.033	2705	2711	2717	rBV3	46389	116069	1.08%	0.131%
32	19.151	2725	2731	2738	rBV	2279011	3077885	28.64%	3.477%
33	19.262	2745	2750	2754	rBV3	112055	163994	1.53%	0.185%
34	19.398	2770	2773	2782	rVB2	71996	130164	1.21%	0.147%

LSC Area Percent Report

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Sample : K1665-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 200051

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-BM021119.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	19.486	2783	2788	2789	rVV	327223	405007	3.77%	0.458%
36	19.515	2789	2793	2801	rVV	1677013	2435176	22.66%	2.751%
37	19.586	2802	2805	2811	rVB2	82042	121618	1.13%	0.137%
38	19.721	2820	2828	2834	rBV	8498497	10748214	100.00%	12.143%
39	19.845	2843	2849	2855	rBV4	92037	234338	2.18%	0.265%
40	20.015	2867	2878	2884	rBV	315223	576281	5.36%	0.651%
41	20.115	2891	2895	2899	rBV	233916	300765	2.80%	0.340%
42	20.174	2899	2905	2909	rVV2	102023	181709	1.69%	0.205%
43	20.933	3030	3034	3037	rBV	116707	161514	1.50%	0.182%
44	20.980	3037	3042	3052	rVV4	433827	788471	7.34%	0.891%
45	21.280	3087	3093	3097	rBV2	2975773	4542572	42.26%	5.132%
46	21.321	3097	3100	3109	rVB	600219	771302	7.18%	0.871%
47	22.315	3266	3269	3276	rVB	174626	224414	2.09%	0.254%
48	22.821	3352	3355	3357	rBV2	142255	184286	1.71%	0.208%
49	22.856	3357	3361	3366	rVV2	261813	524038	4.88%	0.592%
50	23.433	3455	3459	3466	rVB	296502	510033	4.75%	0.576%
51	23.533	3469	3476	3482	rBV	1666359	3035991	28.25%	3.430%

Sum of corrected areas: 88515621

LSC Report - Integrated Chromatogram

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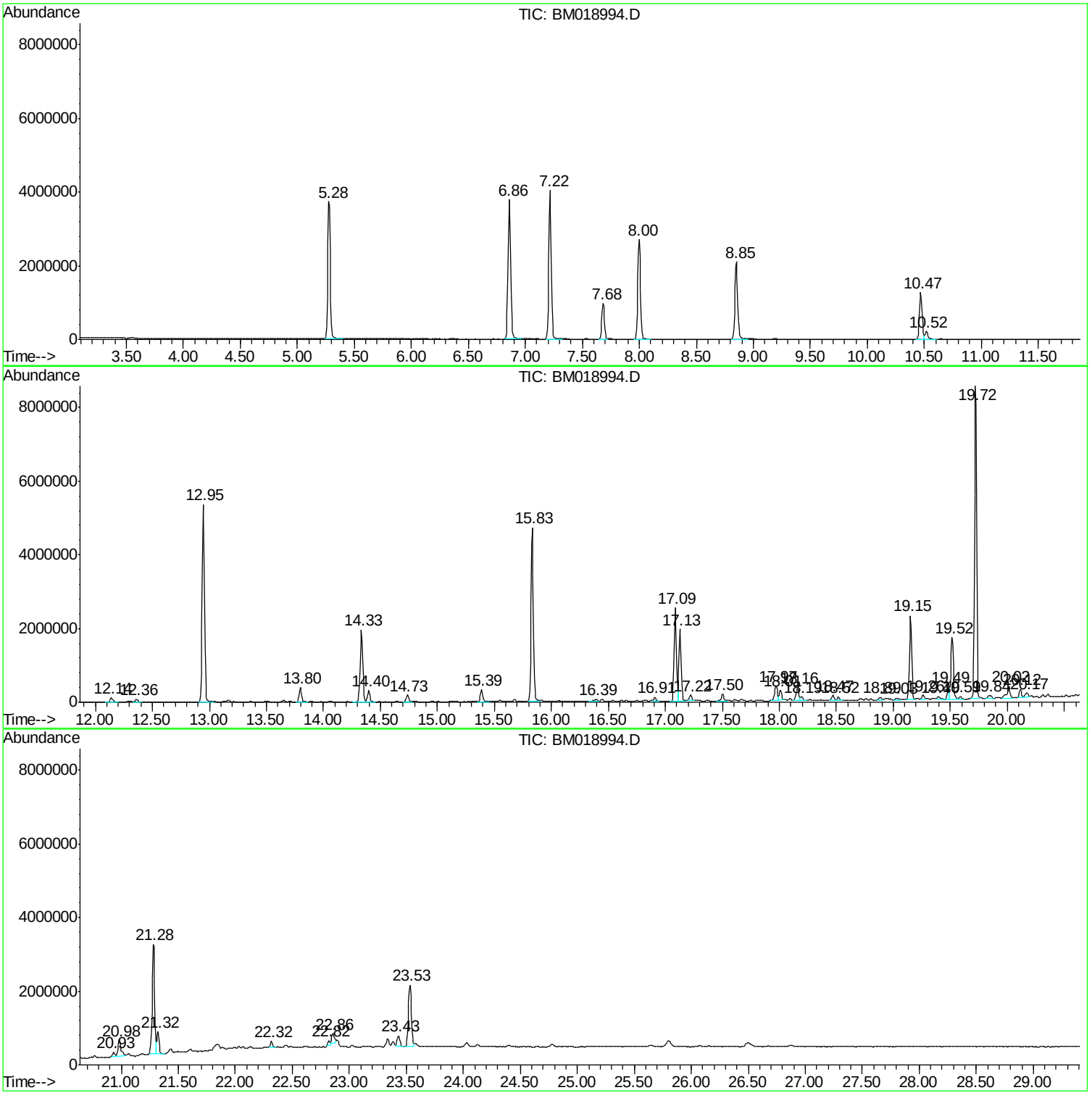
Data File : BM018994.D
Acq On : 01 Mar 2019 19:32
Operator : JU/SJ
Sample : K1665-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 200051

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM021119.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\BM030119\
Data File : BM018994.D
Acq On : 01 Mar 2019 19:32
Operator : JU/SJ
Sample : K1665-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 200051

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM021119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

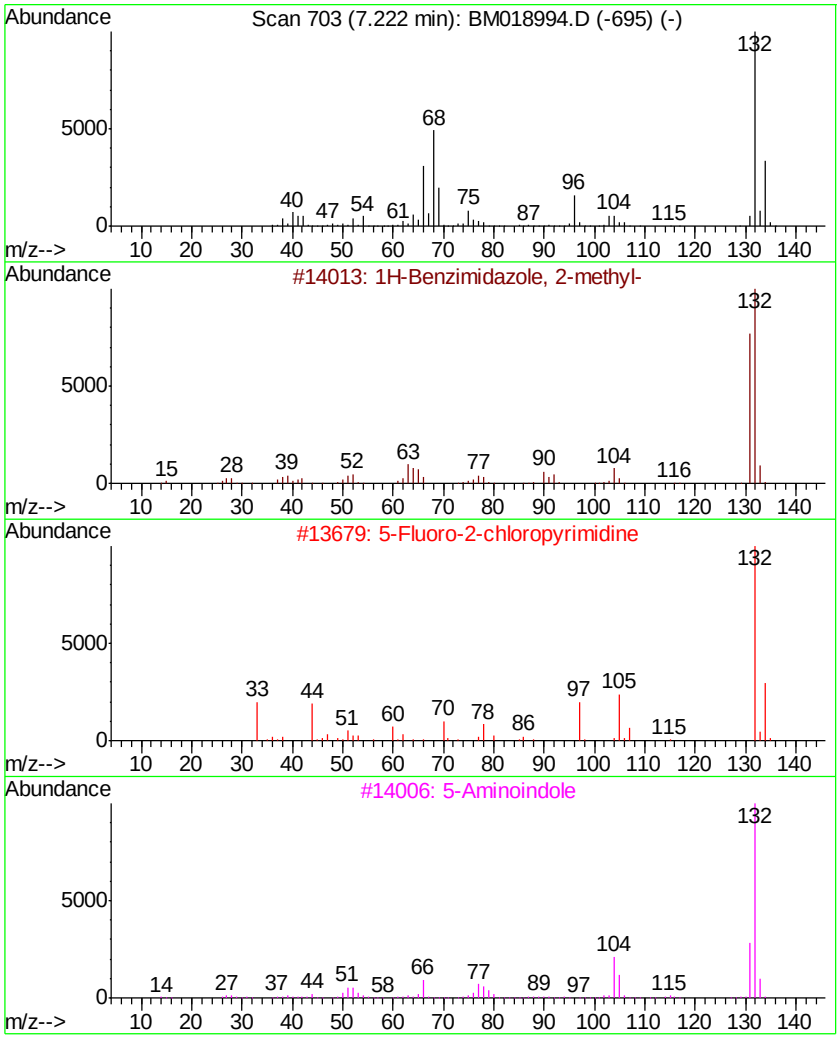
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

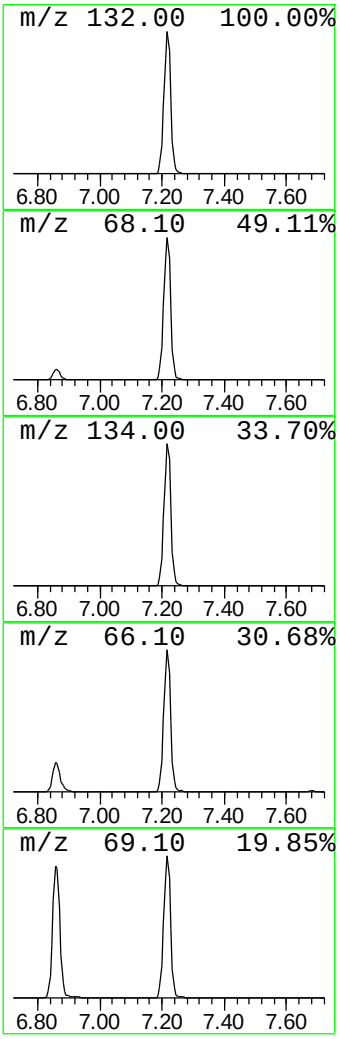
****

Peak Number 1 unknown7.22 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.22	82.19 ng	6263270	1,4-Dichlorobenzene-d4	7.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Benzene, 1,2,4-trifluoro-	132	C6H3F3	000367-23-7	9
5	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9





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Operator : JU/SJ
Sample : K1665-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 200051

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM021119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

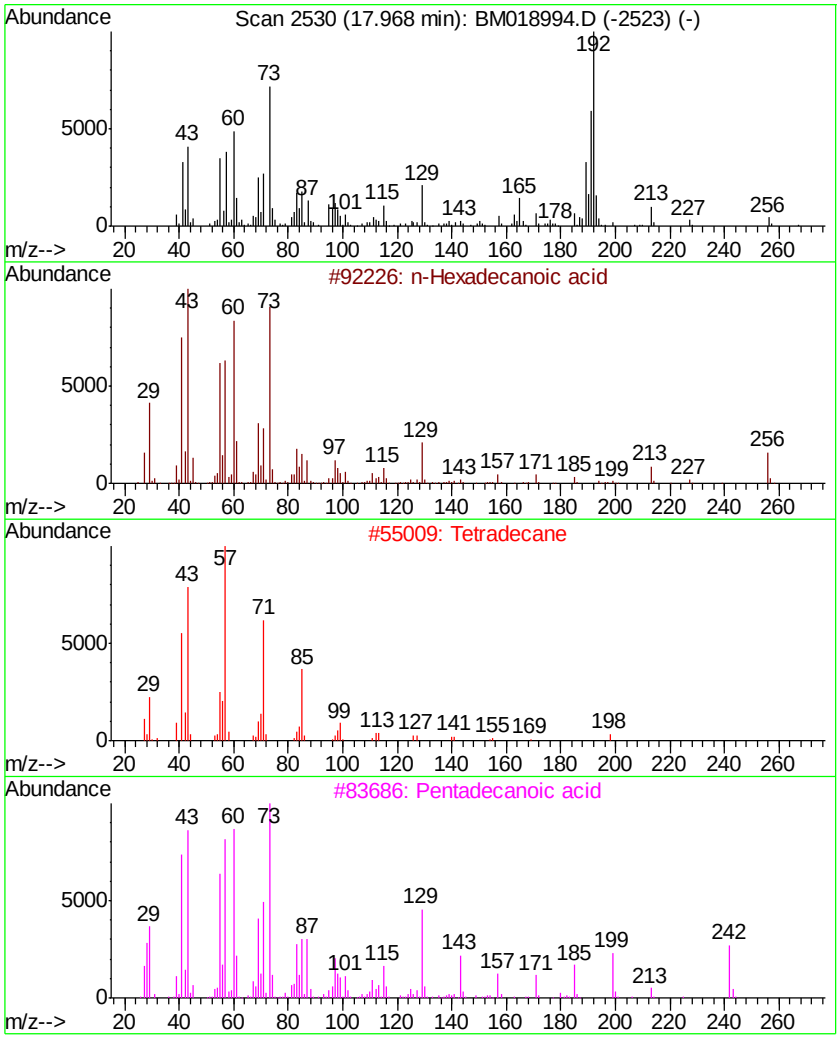
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

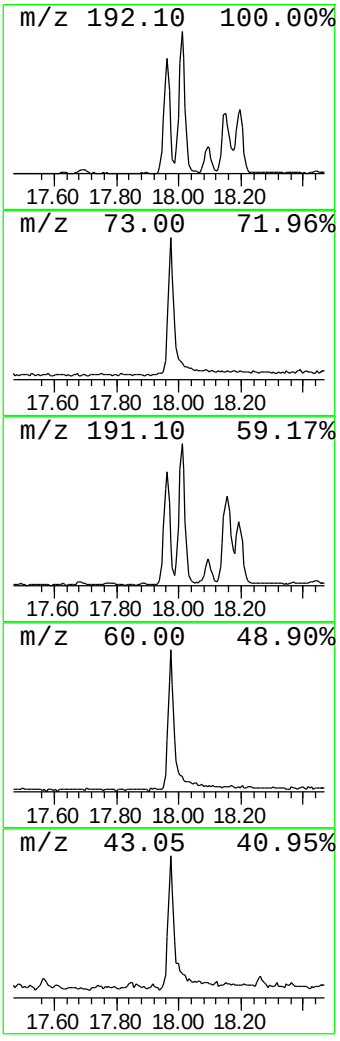
****

Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.97	3.76 ng	677052	Phenanthrene-d10	17.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tetradecane	198	C14H30	000629-59-4	59
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	55
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	35
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	25





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030119\
Data File : BM018994.D
Acq On : 01 Mar 2019 19:32
Operator : JU/SJ
Sample : K1665-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 200051

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM021119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

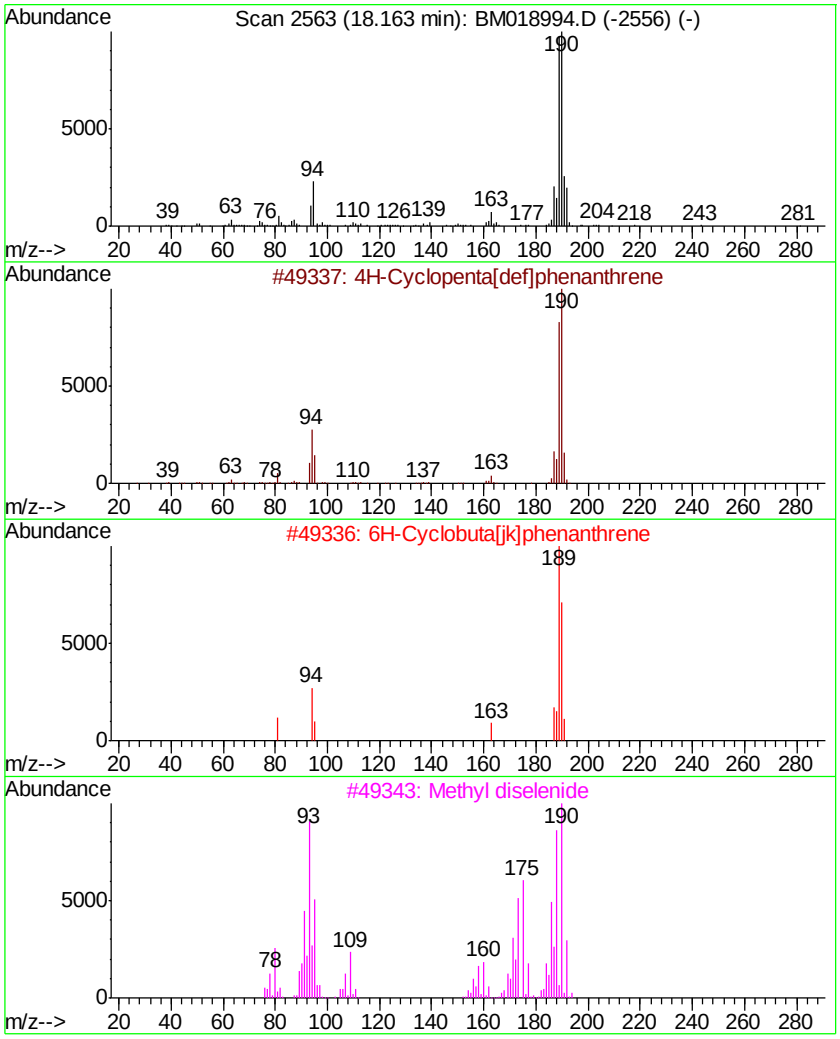
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

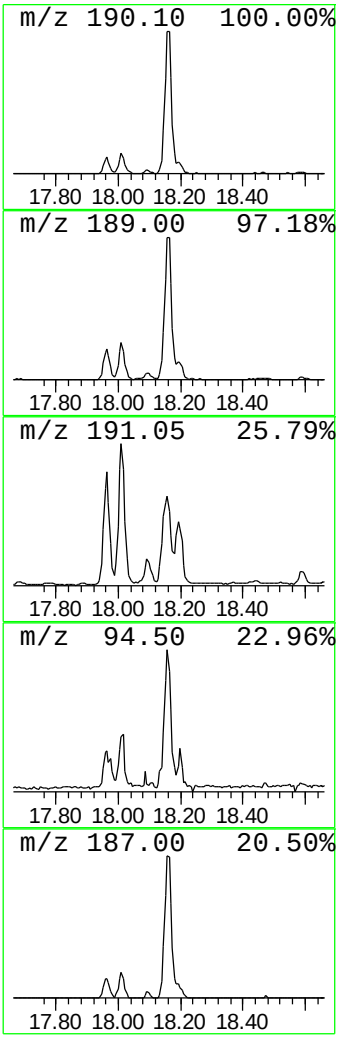
****

Peak Number 4 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.16	3.16 ng	570056	Phenanthrene-d10	17.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	50
3	Methyl diselenide	190	C2H6Se2	007101-31-7	49
4	2-Naphthaldehyde, 1,2,3,4-tetrah...	190	C12H14O2	002472-02-8	18
5	1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	17





Library Search Compound Report

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Instrument : BNA_M
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM021119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

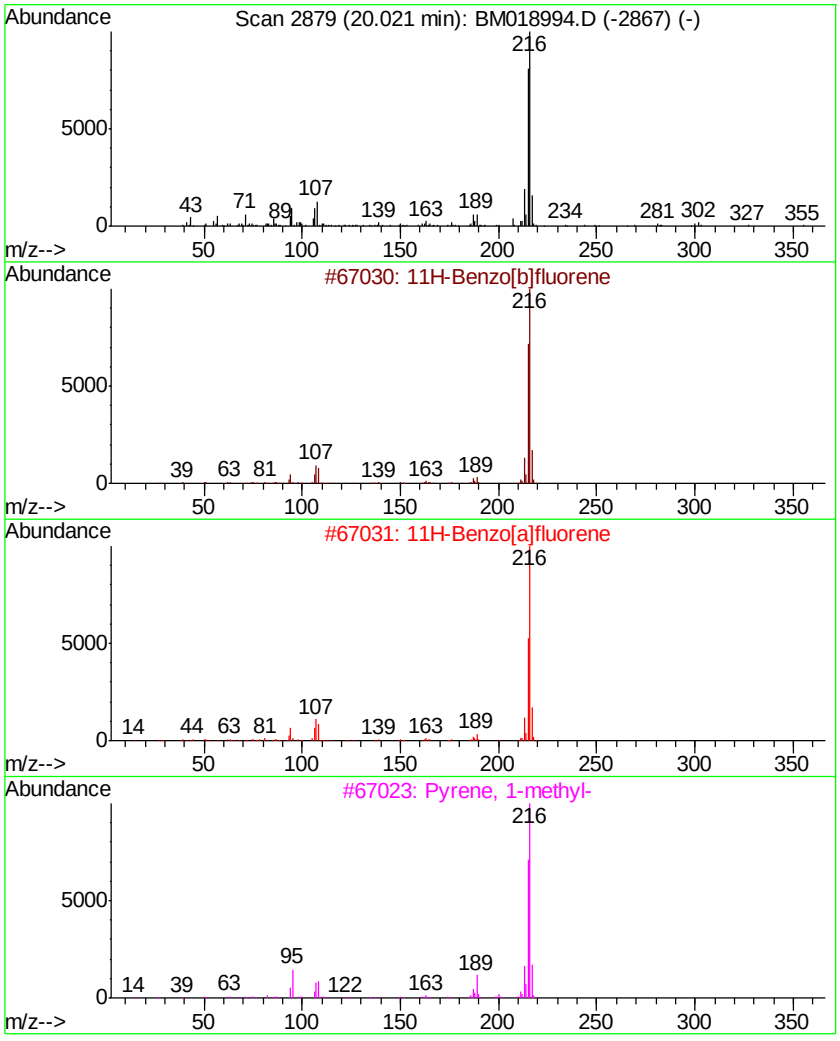
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

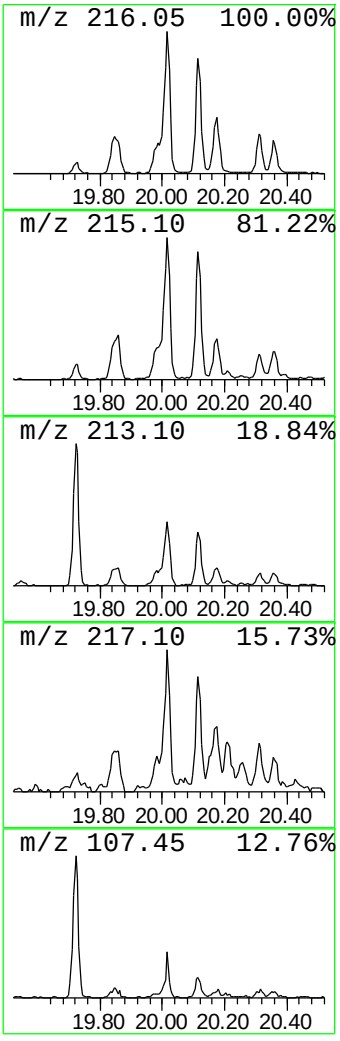
****

Peak Number 5 11H-Benzo[b]fluorene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.02	2.54 ng	576281	Chrysene-d12	21.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	95
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	87





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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 200051

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM021119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

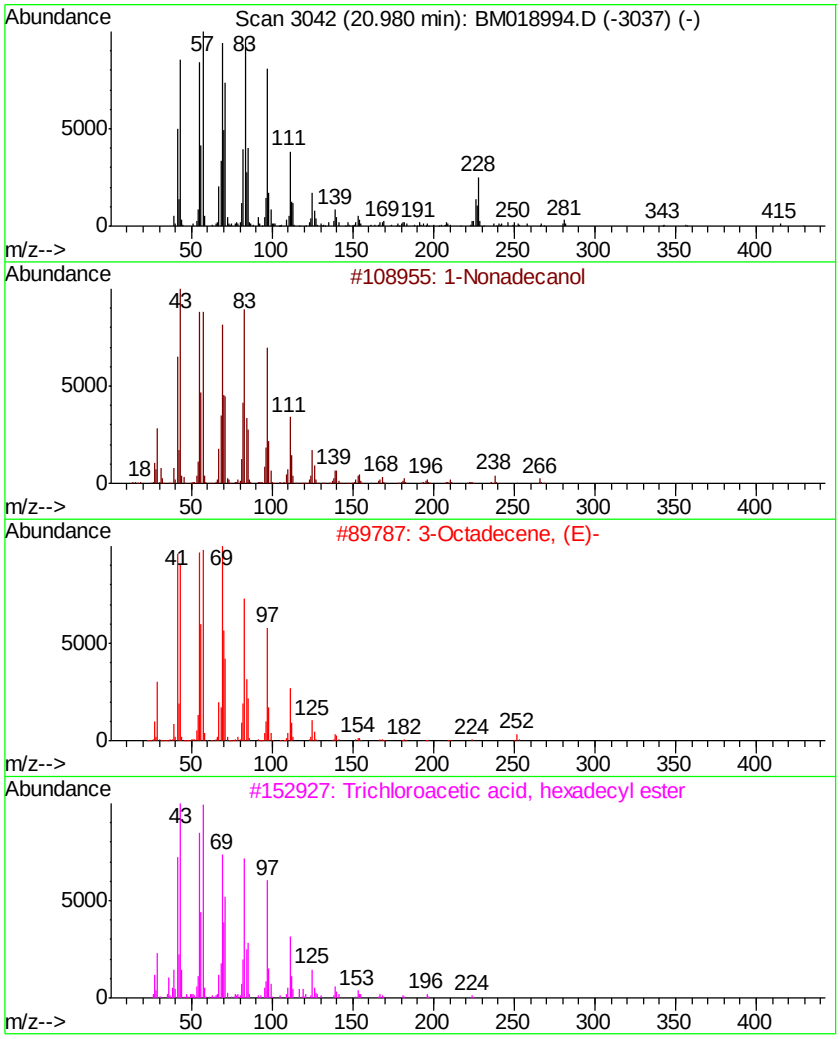
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

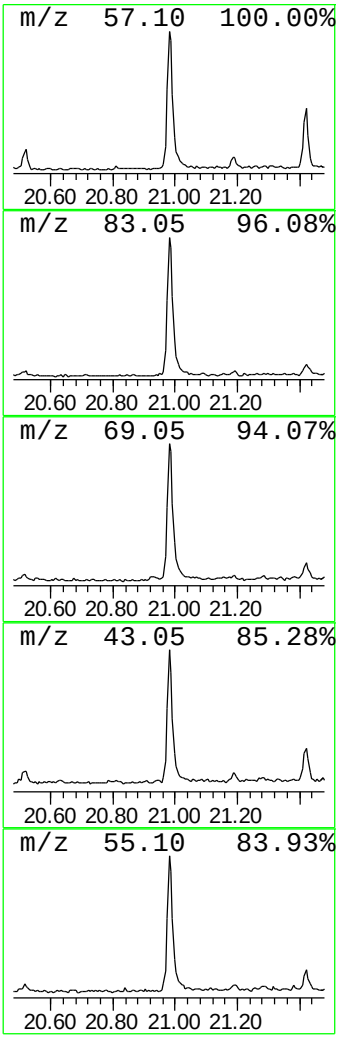
****

Peak Number 6 1-Nonadecanol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.98	3.47 ng	788471	Chrysene-d12	21.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecanol	284	C19H40O	001454-84-8	93
2	3-Octadecene, (E)-	252	C18H36	007206-19-1	93
3	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	93
4	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	87
5	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	87





Tentatively Identified Compound (LSC) summary

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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
unknown7.22	7.22	82.2	ng	6263270	1	7.68	1524030	20.0
n-Hexadecanoic acid	17.97	3.8	ng	677052	4	17.09	3602620	20.0
4H-Cyclopenta[def...	18.16	3.2	ng	570056	4	17.09	3602620	20.0
11H-Benzo[b]fluorene	20.02	2.5	ng	576281	5	21.29	4542570	20.0
1-Nonadecanol	20.98	3.5	ng	788471	5	21.29	4542570	20.0