LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012519\
Data File : BM018656.D
Acq On : 25 Jan 2019 17:20
Operator : JU/SJ
Sample : K1157-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : WC-03-011519

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-BM010919.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	4.875	299	304	314	rBV	178915	254479	3.07%	0.331%
2	5.322	374	380	394	rVB	2837104	3979966	48.02%	5.178%
3	6.904	642	649	661	rBV	2821278	4532157	54.69%	5.896%
4	7.263	703	710	723	rBV	3019510	4696712	56.67%	6.110%
5	7.728	783	789	796	rBV	828174	1322071	15.95%	1.720%
6	8.046	836	843	854	rVB	2271104	3650293	44.05%	4.749%
7	8.898	979	988	998	rBV	1652210	2742338	33.09%	3.568%
8	10.522	1256	1264	1271	rBV	1088047	1774834	21.42%	2.309%
9	12.186	1533	1547	1555	rBV4	60307	157097	1.90%	0.204%
10	12.998	1678	1685	1692	rBV	3988219	5963083	71.95%	7.758%
11	13.692	1797	1803	1809	rBV2	54097	96400	1.16%	0.125%
12	13.839	1822	1828	1836	rBV	270850	384543	4.64%	0.500%
13	14.104	1868	1873	1881	rBV	58784	91489	1.10%	0.119%
14	14.380	1911	1920	1926	rBV2	1527258	2310750	27.88%	3.006%
15	14.445	1926	1931	1939	rVB	142297	221545	2.67%	0.288%
16	14.780	1982	1988	1996	rBV2	121237	204604	2.47%	0.266%
17	15.433	2093	2099	2108	rVB	145354	248909	3.00%	0.324%
18	15.721	2144	2148	2154	rVB	77705	122476	1.48%	0.159%
19	15.874	2165	2174	2184	rBV	3745492	5218727	62.97%	6.790%
20	16.433	2257	2269	2274	rBV7	62815	176550	2.13%	0.230%
21	16.786	2324	2329	2335	rVB	104402	163520	1.97%	0.213%
22	16.857	2336	2341	2344	rBV2	50033	95921	1.16%	0.125%
23	16.951	2353	2357	2364	rVB	88932	136737	1.65%	0.178%
24	17.133	2382	2388	2391	rBV	1896579	2742035	33.09%	3.567%
25	17.174	2391	2395	2401	rVV	1518981	2072344	25.01%	2.696%
26	17.263	2403	2410	2415	rVB	338101	475084	5.73%	0.618%
27	17.539	2454	2457	2466	rVB	129109	195851	2.36%	0.255%
28	18.021	2531	2539	2542	rBV2	978594	1601040	19.32%	2.083%
29	18.051	2542	2544	2549	rVB	381452	508748	6.14%	0.662%
30	18.133	2554	2558	2564	rVV	157755	241955	2.92%	0.315%
31	18.204	2564	2570	2573	rVV4	270805	523091	6.31%	0.681%
32	18.239	2573	2576	2582	rVB	164265	227316	2.74%	0.296%
33	18.510	2617	2622	2626	rBV	159804	212324	2.56%	0.276%
34	18.557	2626	2630	2636	rVB2	142625	187865	2.27%	0.244%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012519\
Data File : BM018656.D
Acq On : 25 Jan 2019 17:20
Operator : JU/SJ
Sample : K1157-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : WC-03-011519

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-BM010919.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	18.757	2660	2664	2667	rBV2	61869	83142	1.00%	0.108%
36	18.921	2688	2692	2699	rBV	128050	254155	3.07%	0.331%
37	19.074	2713	2718	2725	rVB3	112549	215176	2.60%	0.280%
38	19.192	2733	2738	2744	rVB	1699365	2249877	27.15%	2.927%
39	19.304	2752	2757	2761	rBV3	364060	505687	6.10%	0.658%
40	19.527	2790	2795	2797	rBV2	351073	535149	6.46%	0.696%
41	19.557	2797	2800	2808	rVV	1320461	1795756	21.67%	2.336%
42	19.627	2809	2812	2818	rVB2	142360	207619	2.51%	0.270%
43	19.762	2828	2835	2840	rBV	6800916	8287343	100.00%	10.782%
44	19.874	2850	2854	2856	rBV	147306	211066	2.55%	0.275%
45	20.015	2874	2878	2879	rBV4	122171	153217	1.85%	0.199%
46	20.157	2898	2902	2905	rBV2	103728	144345	1.74%	0.188%
47	20.215	2905	2912	2915	rVV2	203180	394428	4.76%	0.513%
48	20.351	2932	2935	2939	rBV	90110	110533	1.33%	0.144%
49	20.804	3008	3012	3017	rVB	221342	284023	3.43%	0.370%
50	21.021	3044	3049	3052	rBV3	793973	967186	11.67%	1.258%
51	21.103	3059	3063	3072	rVB2	613678	840711	10.14%	1.094%
52	21.327	3094	3101	3104	rBV2	2906204	4594015	55.43%	5.977%
53	21.362	3104	3107	3115	rVB	714633	936398	11.30%	1.218%
54	21.468	3122	3125	3133	rVB2	144052	239528	2.89%	0.312%
55	22.368	3275	3278	3282	rVB	301101	397938	4.80%	0.518%
56	22.880	3361	3365	3367	rBV	503122	708489	8.55%	0.922%
57	23.450	3459	3462	3466	rBV	260711	381923	4.61%	0.497%
58	23.492	3466	3469	3478	rVB	451877	787831	9.51%	1.025%
59	23.597	3481	3487	3493	rBV	1623107	3067026	37.01%	3.990%
60	24.109	3570	3574	3584	rVB	508071	979112	11.81%	1.274%

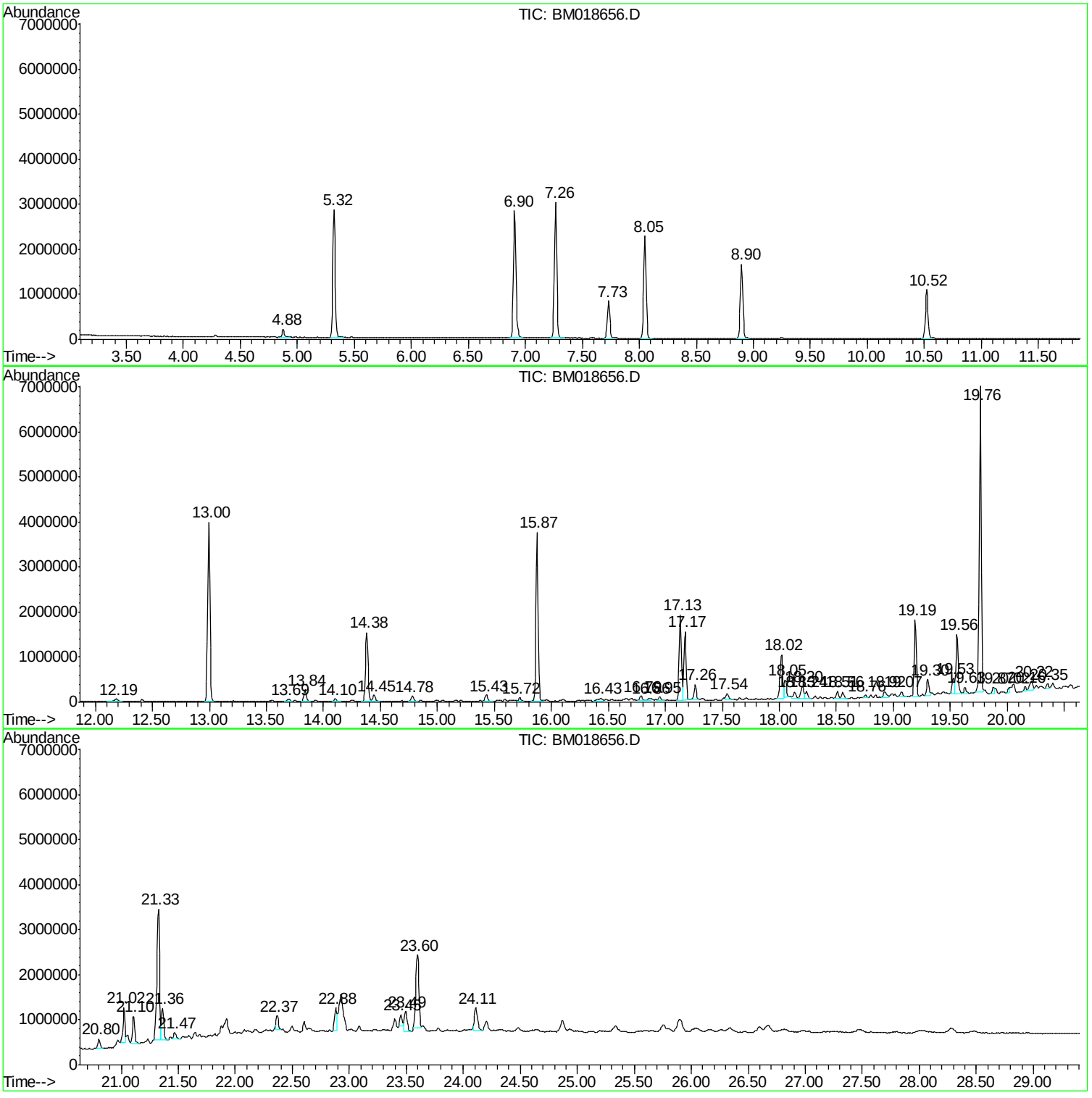
Sum of corrected areas: 76864527

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012519\
Data File : BM018656.D
Acq On : 25 Jan 2019 17:20
Operator : JU/SJ
Sample : K1157-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
WC-03-011519

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM010919.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\BM012519\
Data File : BM018656.D
Acq On : 25 Jan 2019 17:20
Operator : JU/SJ
Sample : K1157-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : WC-03-011519

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

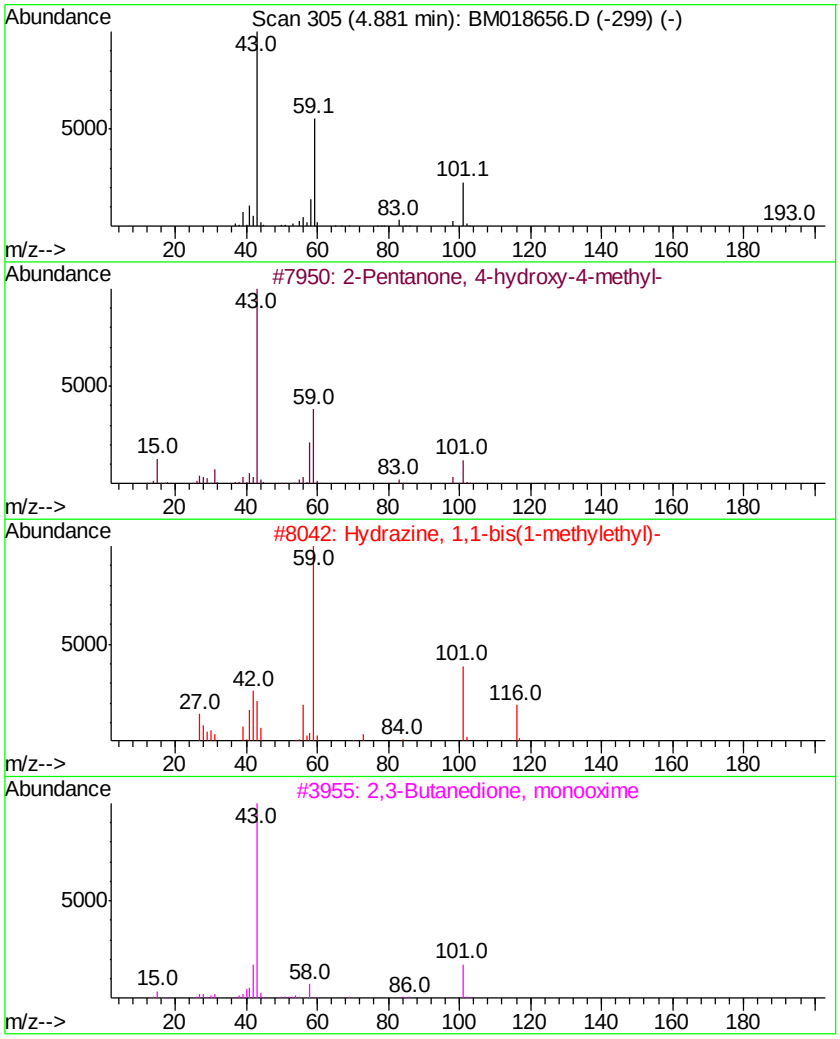
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

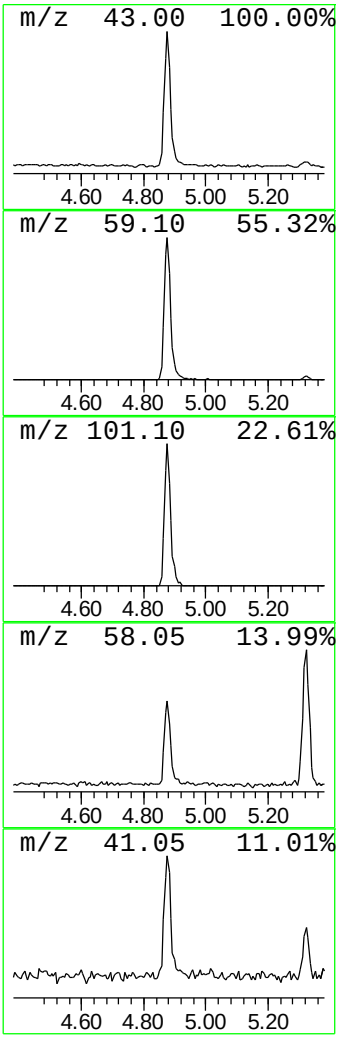
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.88	3.85 ng	254479	1,4-Dichlorobenzene-d4	7.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
2	Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	28
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	Acetamide, N-(aminocarbonyl)-	102	C3H6N2O2	000591-07-1	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012519\
Data File : BM018656.D
Acq On : 25 Jan 2019 17:20
Operator : JU/SJ
Sample : K1157-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : WC-03-011519

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

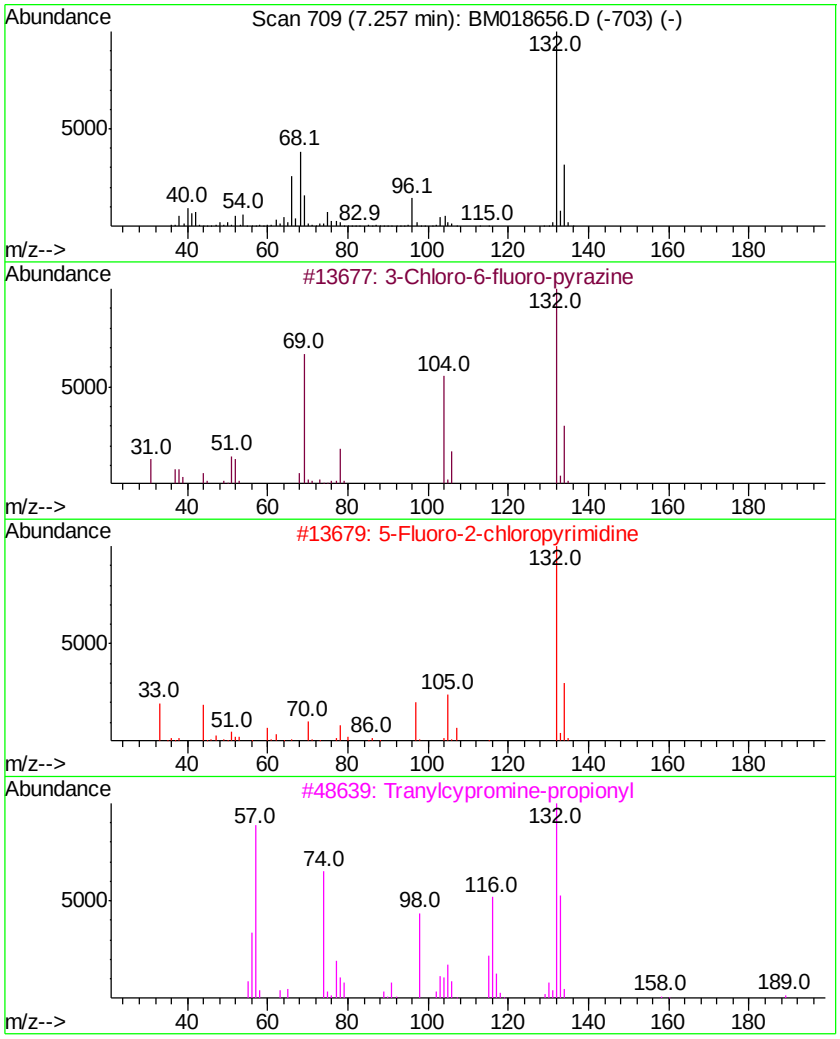
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

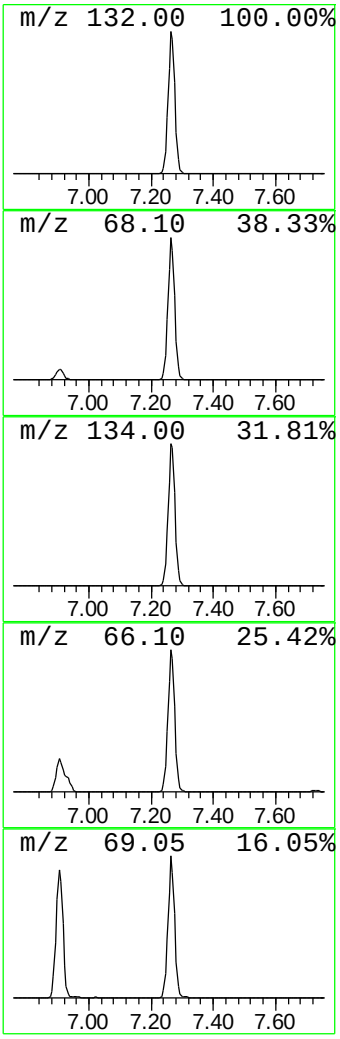
****

Peak Number 2 unknown7.26 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.26	71.05 ng	4696710	1,4-Dichlorobenzene-d4	7.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	25
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	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





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012519\
Data File : BM018656.D
Acq On : 25 Jan 2019 17:20
Operator : JU/SJ
Sample : K1157-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : WC-03-011519

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

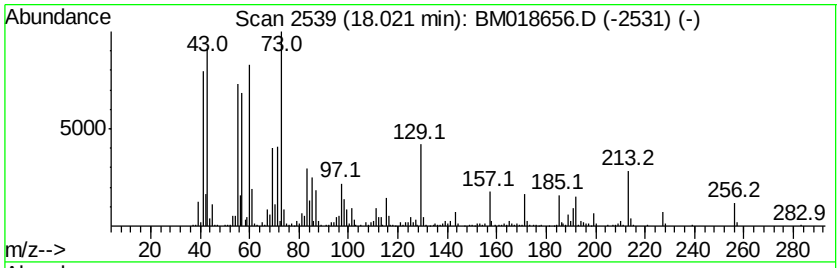
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

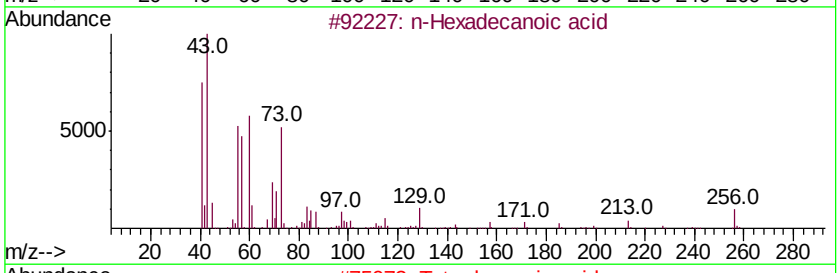
****

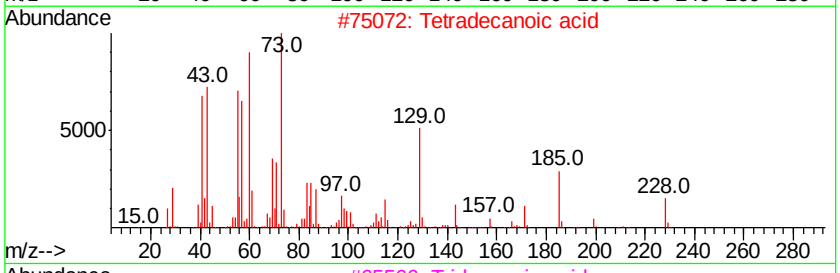
Peak Number 5 n-Hexadecanoic acid Concentration Rank 3

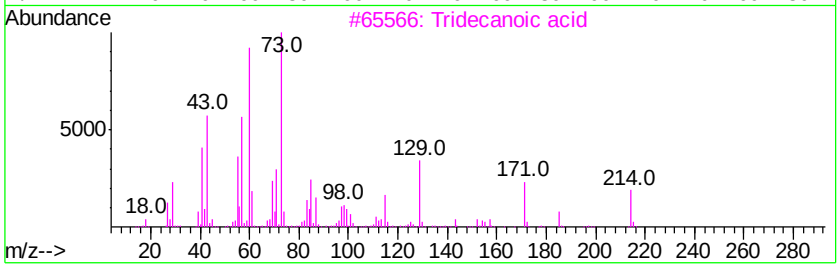
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.02	11.68 ng	1601040	Phenanthrene-d10	17.13

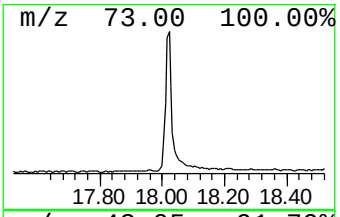
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	90
3	Tridecanoic acid	214	C13H26O2	000638-53-9	86
4	n-Decanoic acid	172	C10H20O2	000334-48-5	70
5	Undecane, 5-methyl-	170	C12H26	001632-70-8	25

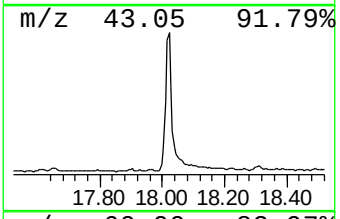


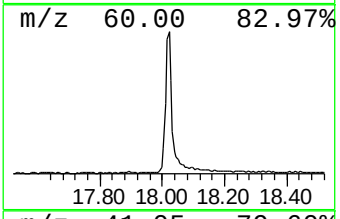


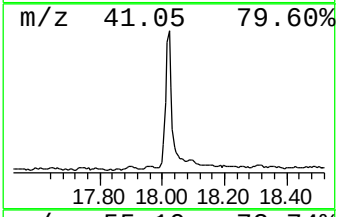


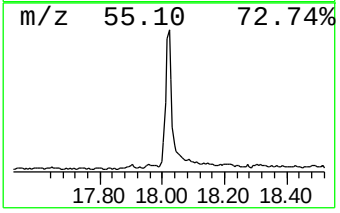












Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012519\
Data File : BM018656.D
Acq On : 25 Jan 2019 17:20
Operator : JU/SJ
Sample : K1157-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : WC-03-011519

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

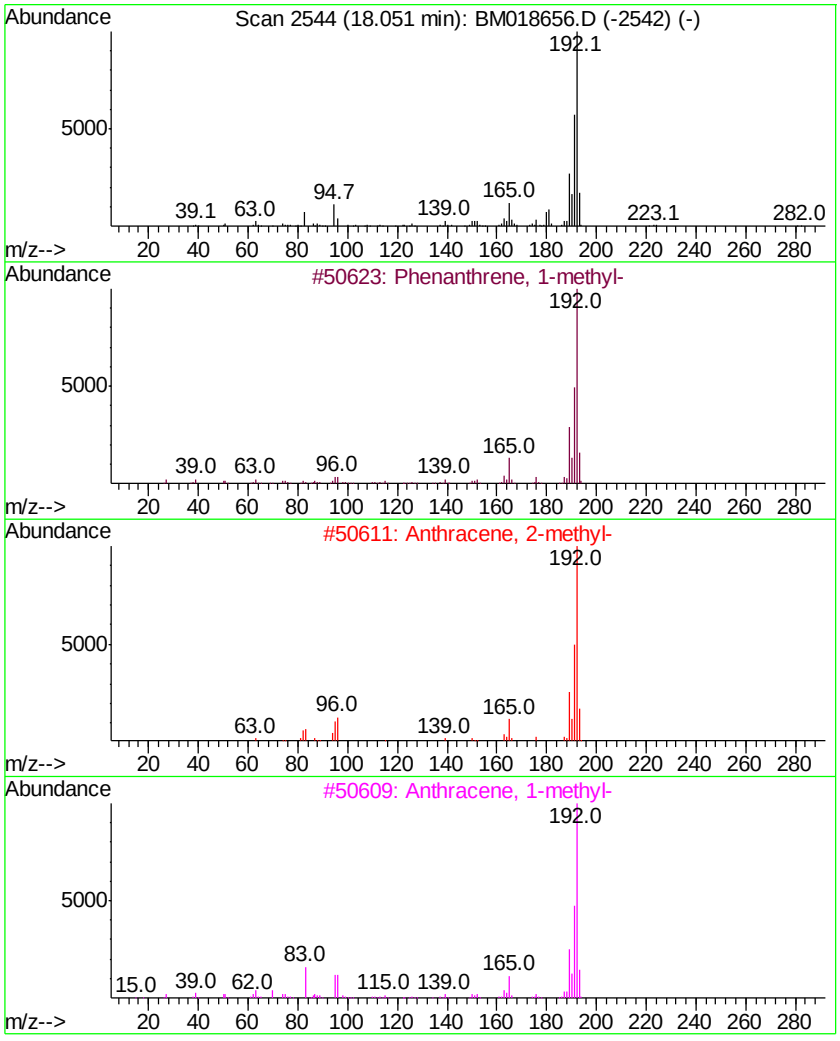
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

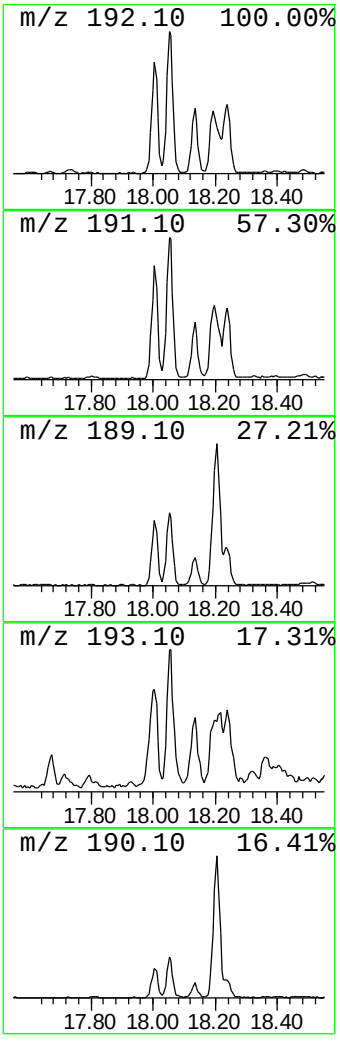
****

Peak Number 6 Phenanthrene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.05	3.71 ng	508748	Phenanthrene-d10	17.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012519\
Data File : BM018656.D
Acq On : 25 Jan 2019 17:20
Operator : JU/SJ
Sample : K1157-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : WC-03-011519

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

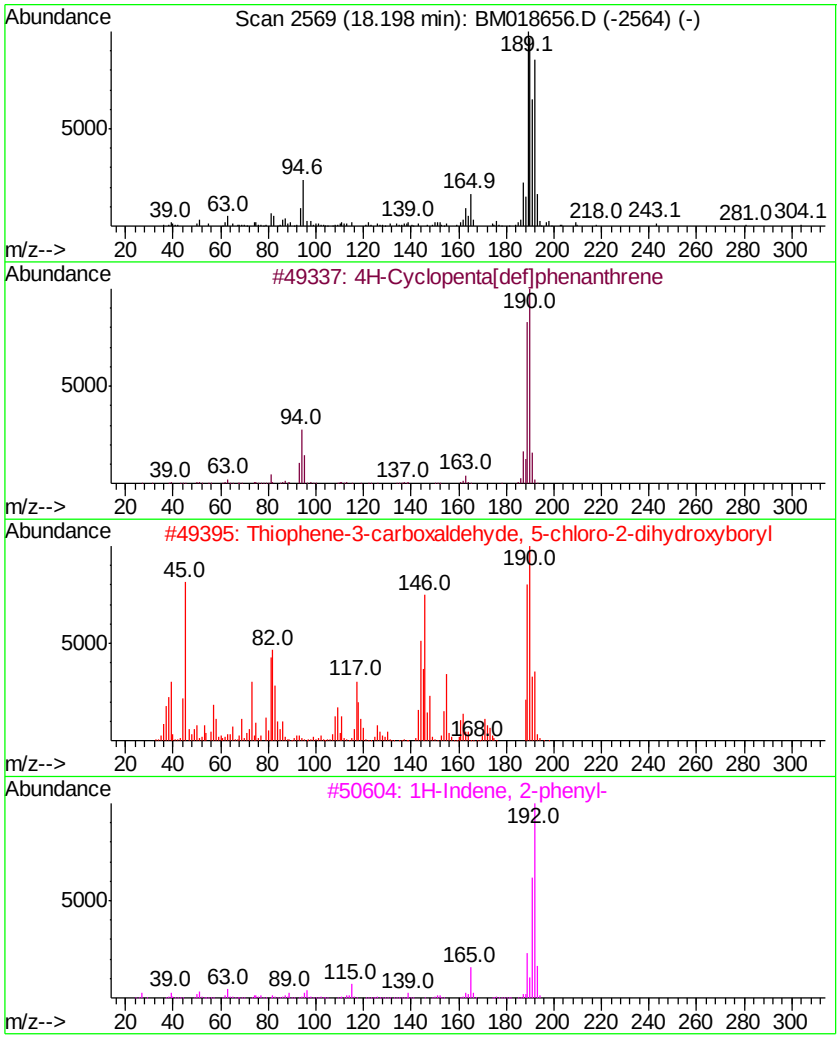
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

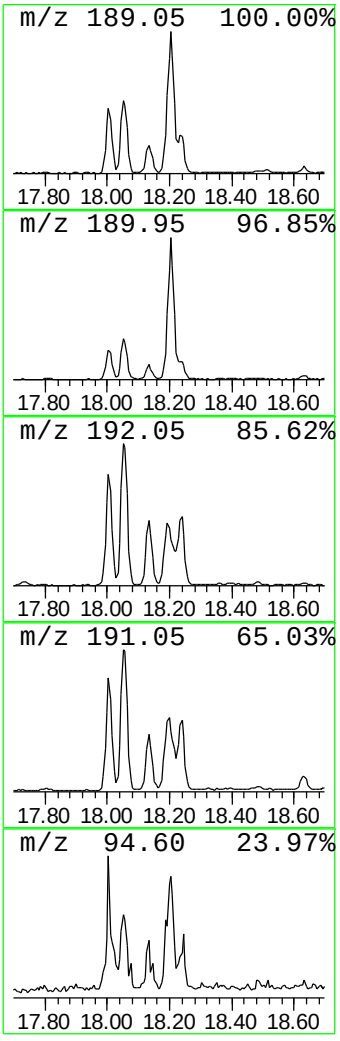
****

Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.20	3.82 ng	523091	Phenanthrene-d10	17.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
2	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	46
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	38
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	30
5	Naphtho[1,2-b]norbornadiene	192	C15H12	1000210-14-8	20





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012519\
Data File : BM018656.D
Acq On : 25 Jan 2019 17:20
Operator : JU/SJ
Sample : K1157-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : WC-03-011519

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

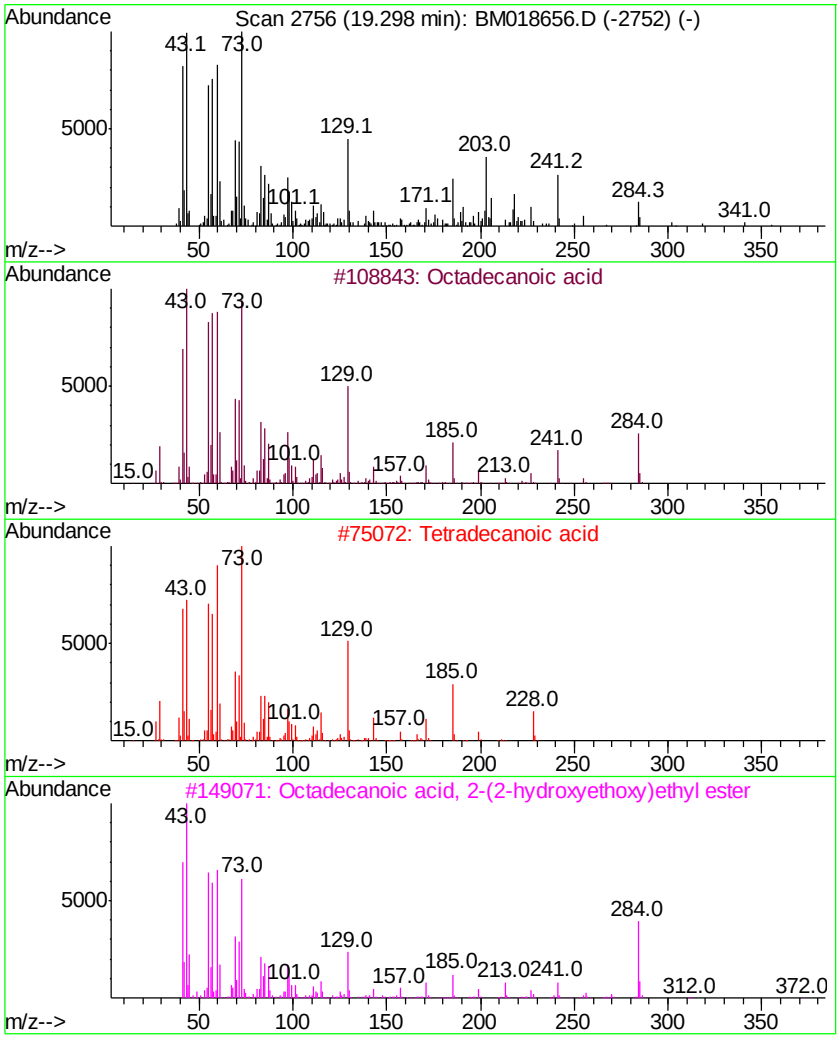
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

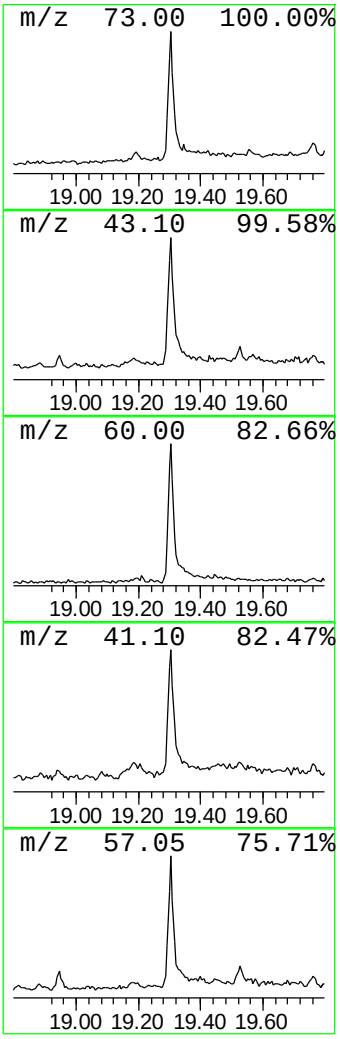
****

Peak Number 8 Octadecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.30	2.20 ng	505687	Chrysene-d12	21.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
3	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	72
4	n-Decanoic acid	172	C10H20O2	000334-48-5	70
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	58





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012519\
Data File : BM018656.D
Acq On : 25 Jan 2019 17:20
Operator : JU/SJ
Sample : K1157-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : WC-03-011519

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

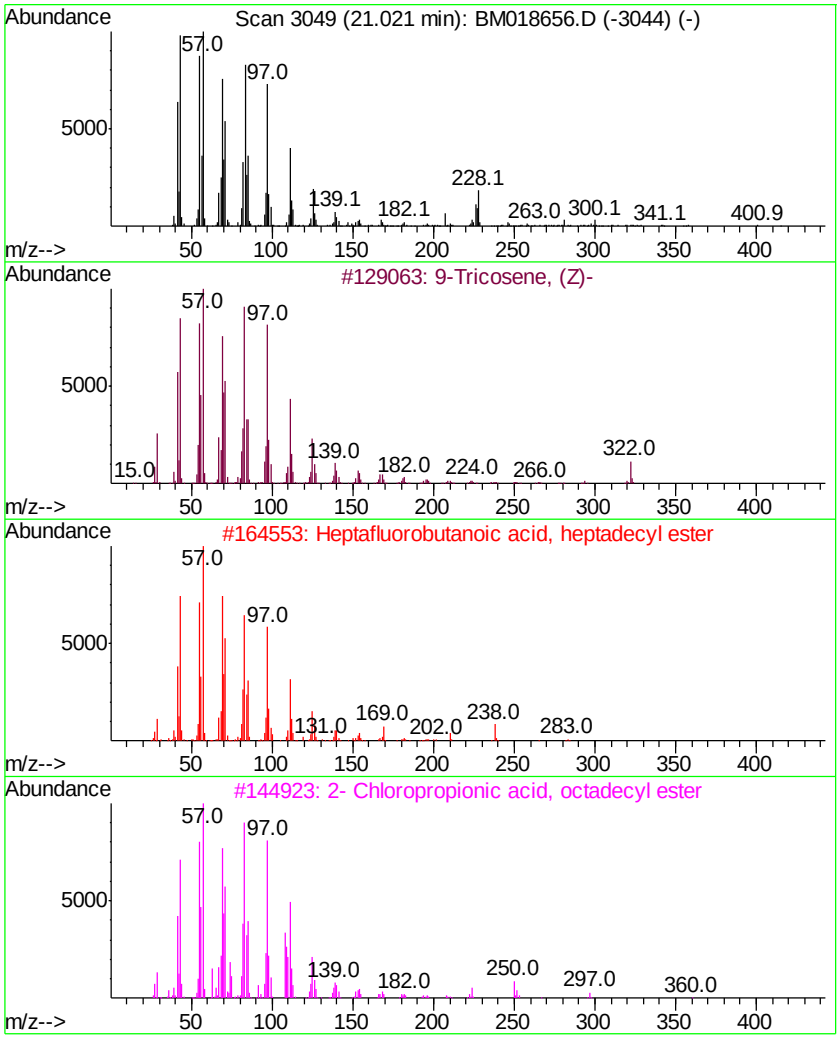
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

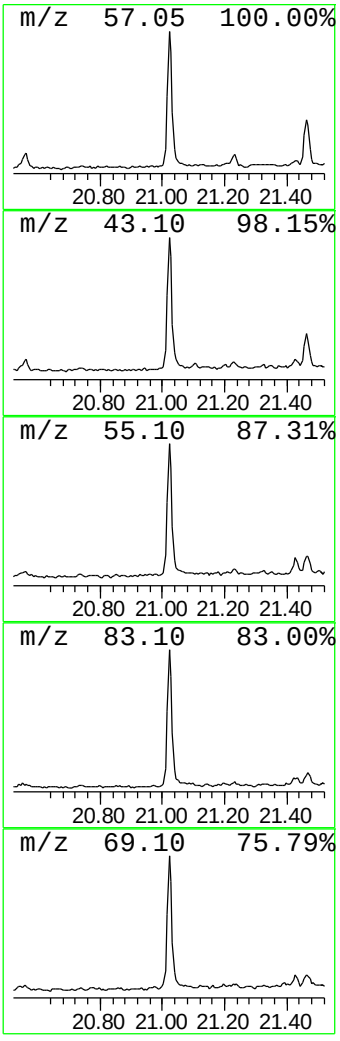
****

Peak Number 9 9-Tricosene, (Z)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.02	4.21 ng	967186	Chrysene-d12	21.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Tricosene, (Z)-	322	C23H46	027519-02-4	94
2	Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	94
3	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	94
4	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
5	Trifluoroacetic acid, n-octadecy...	366	C20H37F3O2	079392-43-1	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012519\
Data File : BM018656.D
Acq On : 25 Jan 2019 17:20
Operator : JU/SJ
Sample : K1157-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : WC-03-011519

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

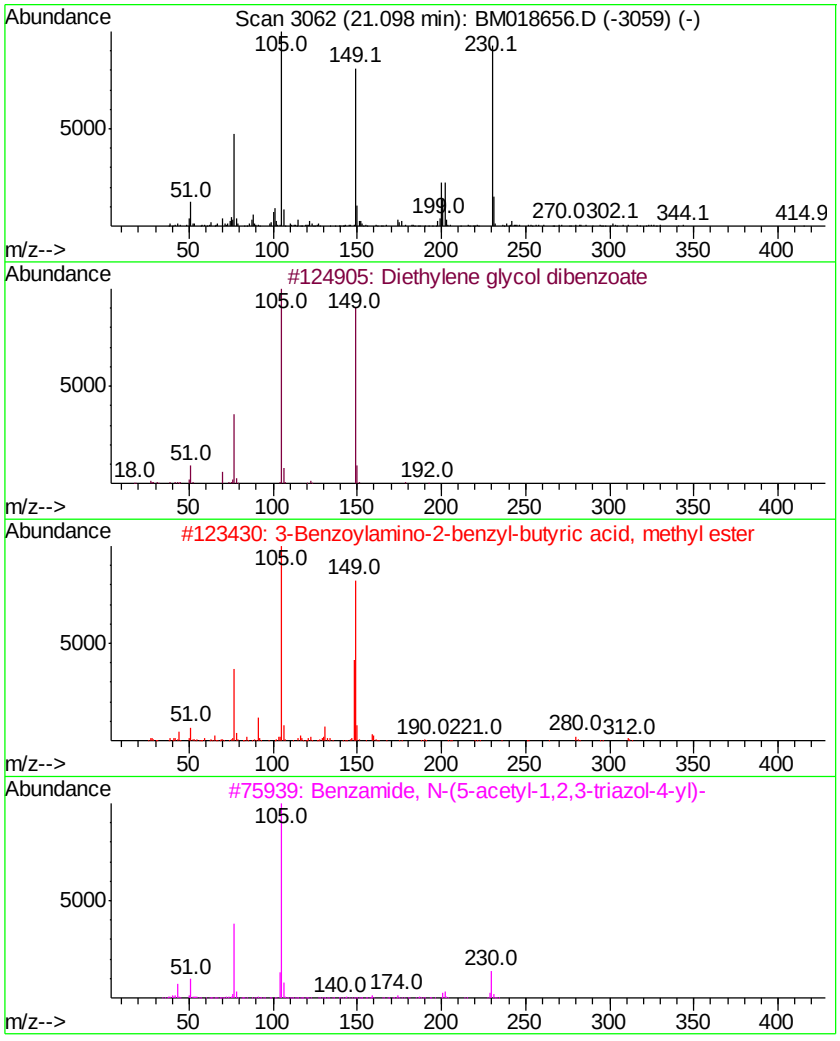
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

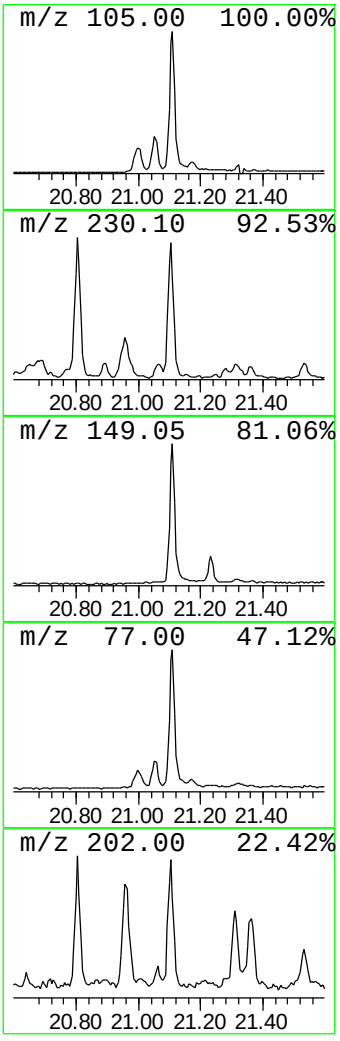
****

Peak Number 10 Diethylene glycol dibenzoate Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.10	3.66 ng	840711	Chrysene-d12	21.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diethylene glycol dibenzoate	314	C18H18O5	000120-55-8	50
2	3-Benzoylamino-2-benzyl-butyric ...	311	C19H21NO3	1000193-12-7	50
3	Benzamide, N-(5-acetyl-1,2,3-tri...	230	C11H10N4O2	129959-33-7	49
4	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	38
5	1,3-Dioxolane, 2-methyl-2-phenyl-	164	C10H12O2	003674-77-9	37





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012519\
Data File : BM018656.D
Acq On : 25 Jan 2019 17:20
Operator : JU/SJ
Sample : K1157-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : WC-03-011519

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

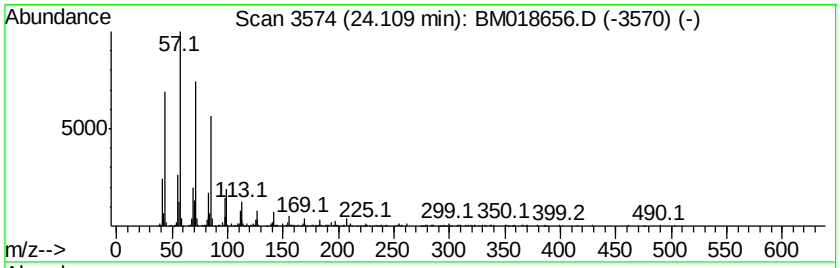
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

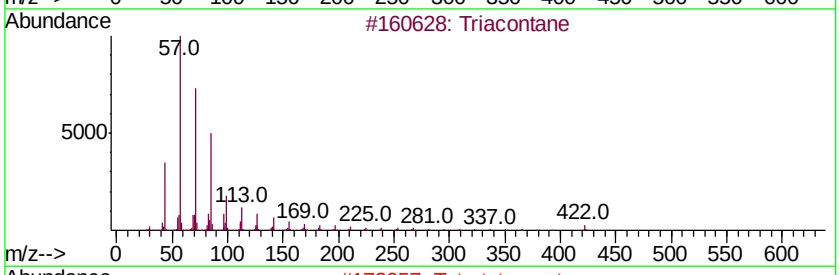
****

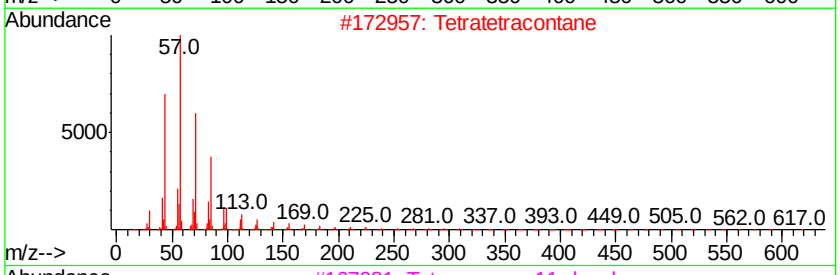
Peak Number 11 Triacontane Concentration Rank 4

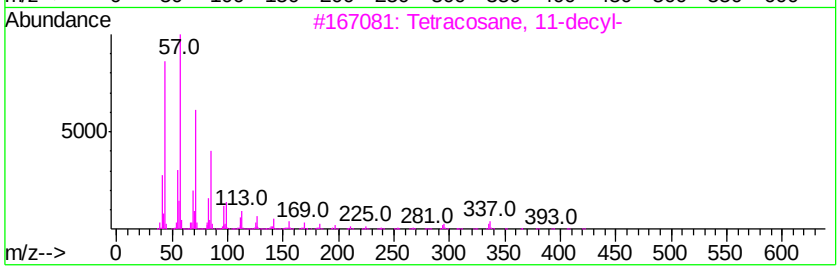
R.T.	EstConc	Area	Relative to ISTD	R.T.
24.11	6.38 ng	979112	Perylene-d12	23.60

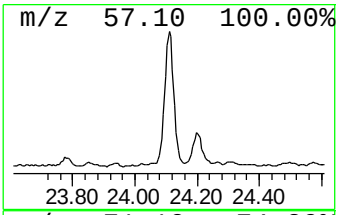
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triacontane	422	C30H62	000638-68-6	91
2	Tetratetracontane	619	C44H90	007098-22-8	91
3	Tetracosane, 11-decyl-	479	C34H70	055429-84-0	91
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5	Docosane, 11-decyl-	451	C32H66	055401-55-3	91

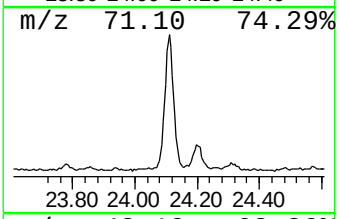


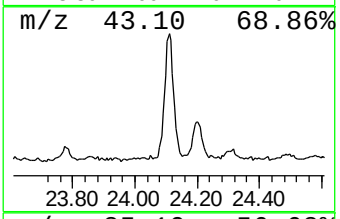


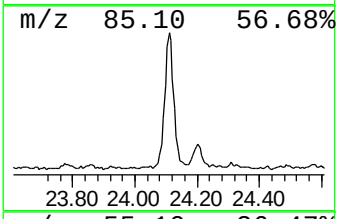


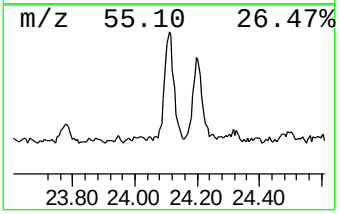












Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM012519\
Data File : BM018656.D
Acq On : 25 Jan 2019 17:20
Operator : JU/SJ
Sample : K1157-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : WC-03-011519

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM010919.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...	4.88	3.9	ng	254479	1	7.73	1322070	20.0
unknown7.26	7.26	71.0	ng	4696710	1	7.73	1322070	20.0
n-Hexadecanoic acid	18.02	11.7	ng	1601040	4	17.13	2742040	20.0
Phenanthrene, 1-m...	18.05	3.7	ng	508748	4	17.13	2742040	20.0
4H-Cyclopenta[def...	18.20	3.8	ng	523091	4	17.13	2742040	20.0
Octadecanoic acid	19.30	2.2	ng	505687	5	21.33	4594020	20.0
9-Tricosene, (Z)-	21.02	4.2	ng	967186	5	21.33	4594020	20.0
Diethylene glycol...	21.10	3.7	ng	840711	5	21.33	4594020	20.0
Triacontane	24.11	6.4	ng	979112	6	23.60	3067030	20.0