LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062317\
Data File : BF096167.D
Acq On : 23 Jun 2017 19:19
Operator : SJ/MA
Sample : I3842-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NC-TS-002

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:\HPCHEM1\BNA_F\METHODS\8270-BF060517.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	1.540	7	9	46	rVB	926272	1842618	100.00%	8.816%
2	4.428	496	500	522	rBV	59301	195840	10.63%	0.937%
3	5.140	618	621	656	rBV	516865	1365723	74.12%	6.534%
4	6.834	906	909	920	rBV	670069	1219794	66.20%	5.836%
5	6.916	920	923	949	rVB	939306	1785118	96.88%	8.541%
6	7.257	977	981	994	rBV	256403	376666	20.44%	1.802%
7	7.492	1017	1021	1038	rBV	799466	1158945	62.90%	5.545%
8	8.181	1134	1138	1166	rBV	510335	892710	48.45%	4.271%
9	9.292	1323	1327	1341	rBV	336420	513627	27.87%	2.458%
10	11.074	1624	1630	1645	rBV	1274728	1683581	91.37%	8.055%
11	11.774	1745	1749	1760	rBV	188833	252962	13.73%	1.210%
12	12.110	1802	1806	1820	rBV2	455301	587765	31.90%	2.812%
13	12.968	1947	1952	1958	rBV2	15038	19413	1.05%	0.093%
14	13.410	2023	2027	2045	rBV	576577	900899	48.89%	4.310%
15	13.739	2078	2083	2092	rBV3	18351	32332	1.75%	0.155%
16	14.504	2209	2213	2228	rVB2	379620	571910	31.04%	2.736%
17	15.039	2300	2304	2309	rBV2	43011	58426	3.17%	0.280%
18	15.551	2385	2391	2403	rBV2	237856	349046	18.94%	1.670%
19	15.886	2443	2448	2459	rVB4	14981	23238	1.26%	0.111%
20	16.251	2505	2510	2518	rBV	75433	115188	6.25%	0.551%
21	16.321	2518	2522	2525	rVV	211504	225822	12.26%	1.080%
22	16.357	2525	2528	2538	rVB	35352	54152	2.94%	0.259%
23	16.527	2551	2557	2559	rBV5	24306	42359	2.30%	0.203%
24	16.651	2573	2578	2589	rBV3	85235	157788	8.56%	0.755%
25	16.827	2605	2608	2612	rBV	40022	46614	2.53%	0.223%
26	16.892	2614	2619	2627	rVB	1019451	1243840	67.50%	5.951%
27	16.956	2627	2630	2635	rBV	35019	39419	2.14%	0.189%
28	17.268	2679	2683	2685	rBV4	20096	31784	1.72%	0.152%
29	17.304	2685	2689	2694	rVB	317239	336678	18.27%	1.611%
30	17.451	2707	2714	2718	rBV7	11859	27613	1.50%	0.132%
31	17.751	2762	2765	2768	rVB	31240	35108	1.91%	0.168%
32	17.886	2784	2788	2794	rBV7	13017	27677	1.50%	0.132%
33	17.998	2804	2807	2812	rBV4	53583	65689	3.56%	0.314%
34	18.151	2828	2833	2844	rBV2	258182	565005	30.66%	2.703%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062317\
Data File : BF096167.D
Acq On : 23 Jun 2017 19:19
Operator : SJ/MA
Sample : I3842-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NC-TS-002

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:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	18.245	2844	2849	2857	rVV	312640	465224	25.25%	2.226%
36	18.315	2857	2861	2866	rVB3	26789	45596	2.47%	0.218%
37	18.568	2900	2904	2909	rBV3	42594	60156	3.26%	0.288%
38	18.956	2965	2970	2978	rBV	328087	445233	24.16%	2.130%
39	19.015	2978	2980	2986	rVB6	17875	24455	1.33%	0.117%
40	19.227	3012	3016	3019	rBV5	14475	21213	1.15%	0.101%
41	19.333	3029	3034	3039	rBV4	29242	61965	3.36%	0.296%
42	19.386	3039	3043	3048	rVB	163529	185091	10.05%	0.886%
43	19.474	3055	3058	3063	rVB4	33428	34259	1.86%	0.164%
44	19.697	3088	3096	3103	rBV2	226236	478176	25.95%	2.288%
45	19.750	3103	3105	3111	rVB2	34837	38904	2.11%	0.186%
46	19.827	3115	3118	3125	rVB7	16835	27261	1.48%	0.130%
47	19.880	3125	3127	3131	rBV	19682	28340	1.54%	0.136%
48	19.921	3131	3134	3145	rVB2	266607	391951	21.27%	1.875%
49	20.021	3148	3151	3153	rBV2	20791	21711	1.18%	0.104%
50	20.174	3174	3177	3180	rBV3	28850	29587	1.61%	0.142%
51	20.250	3186	3190	3197	rVB3	24739	36980	2.01%	0.177%
52	20.350	3203	3207	3210	rBV	85160	112323	6.10%	0.537%
53	20.386	3210	3213	3219	rVV	228437	337293	18.31%	1.614%
54	20.521	3232	3236	3243	rVB2	30545	60752	3.30%	0.291%
55	20.592	3246	3248	3255	rVB7	22034	41738	2.27%	0.200%
56	21.121	3335	3338	3344	rVB6	25170	46379	2.52%	0.222%
57	21.186	3344	3349	3354	rBV4	49552	105851	5.74%	0.506%
58	21.433	3384	3391	3398	rBV8	92025	203911	11.07%	0.976%
59	21.497	3398	3402	3412	rVB8	33106	93782	5.09%	0.449%
60	21.609	3416	3421	3430	rVB9	33029	73955	4.01%	0.354%
61	21.762	3442	3447	3455	rVB7	92411	194174	10.54%	0.929%
62	21.933	3469	3476	3484	rBV9	44516	116338	6.31%	0.557%
63	22.133	3505	3510	3515	rVB9	18892	34953	1.90%	0.167%
64	22.803	3616	3624	3632	rVB4	92958	237452	12.89%	1.136%

Sum of corrected areas: 20900352

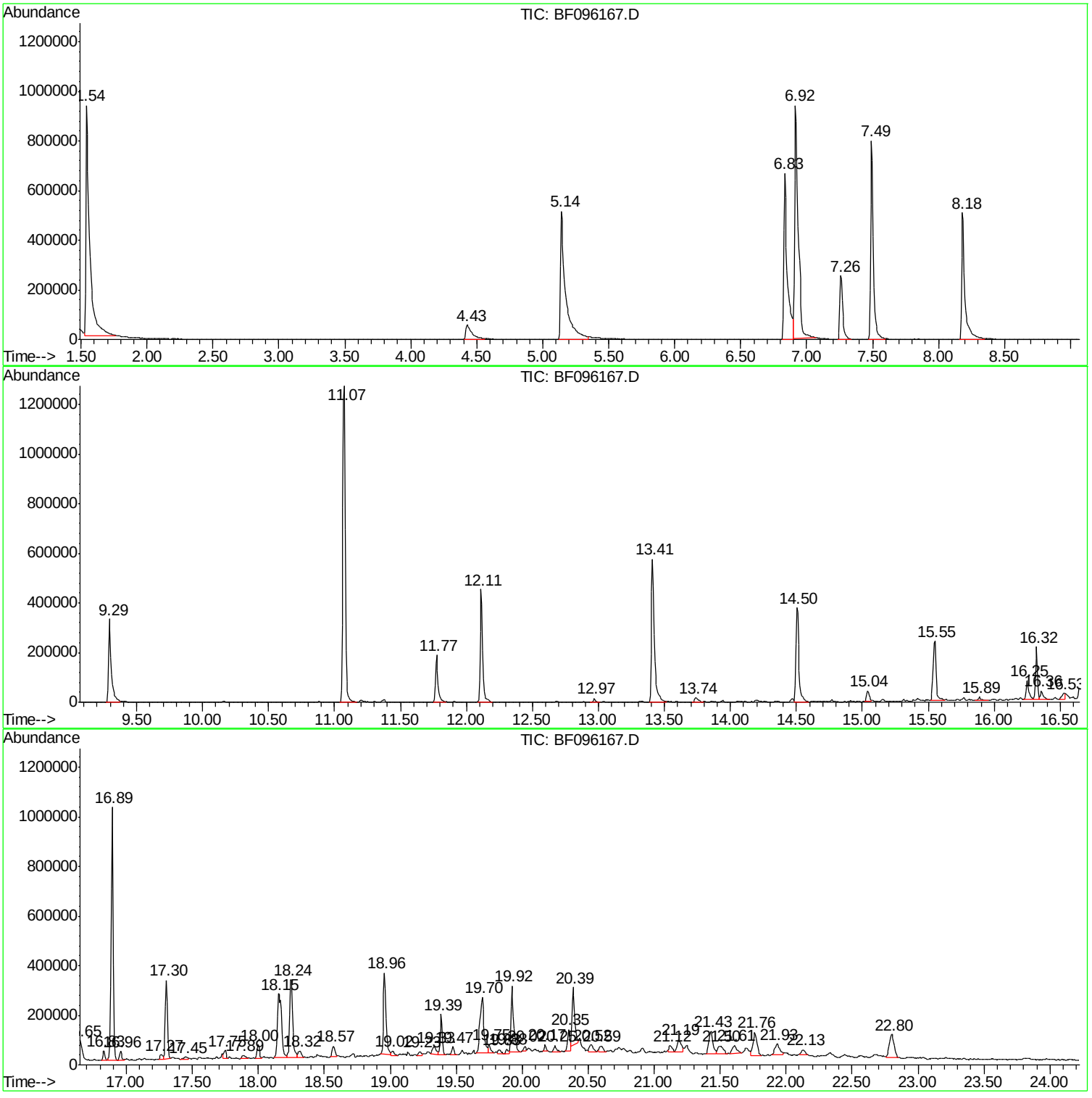
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062317\
Data File : BF096167.D
Acq On : 23 Jun 2017 19:19
Operator : SJ/MA
Sample : I3842-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NC-TS-002

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\HPCHEM1\BNA F\DATA\BF062317\
Data File : BF096167.D
Acq On : 23 Jun 2017 19:19
Operator : SJ/MA
Sample : I3842-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NC-TS-002

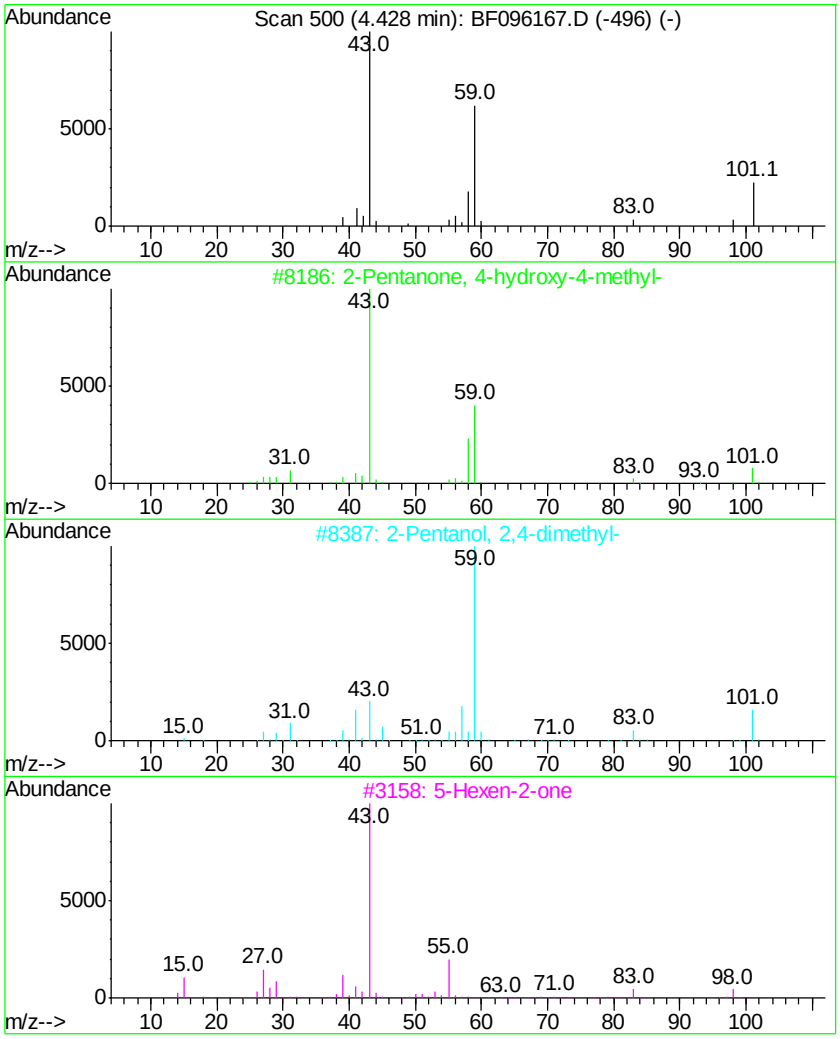
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

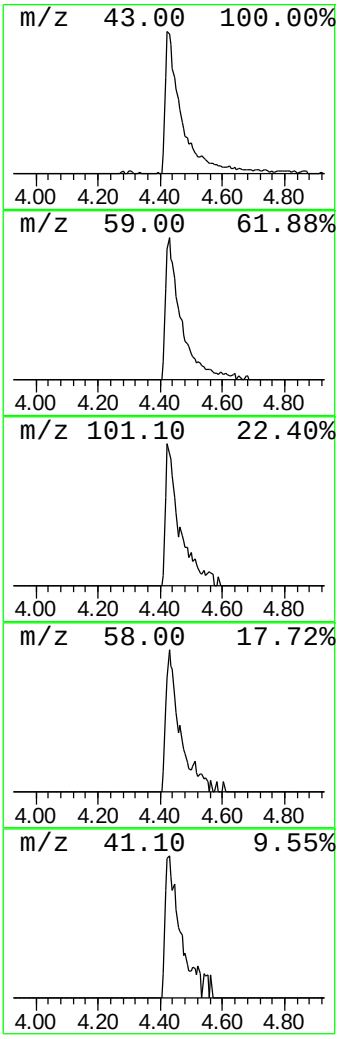
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.43	10.40 ng	195840	1,4-Dichlorobenzene-d4	7.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	2-Pentanol, 2,4-dimethyl-	116	C7H16O	000625-06-9	40
3	5-Hexen-2-one	98	C6H10O	000109-49-9	9
4	Acetone	58	C3H6O	000067-64-1	9
5	2-Nonanone	142	C9H18O	000821-55-6	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062317\
Data File : BF096167.D
Acq On : 23 Jun 2017 19:19
Operator : SJ/MA
Sample : I3842-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NC-TS-002

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

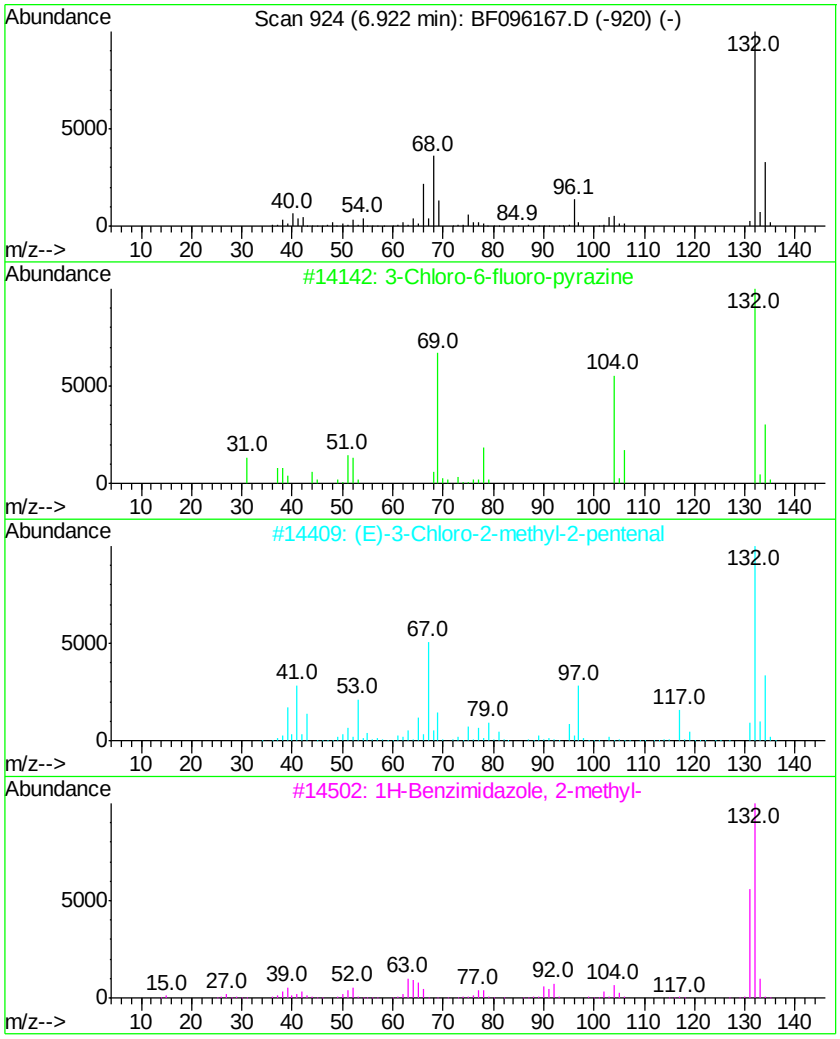
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

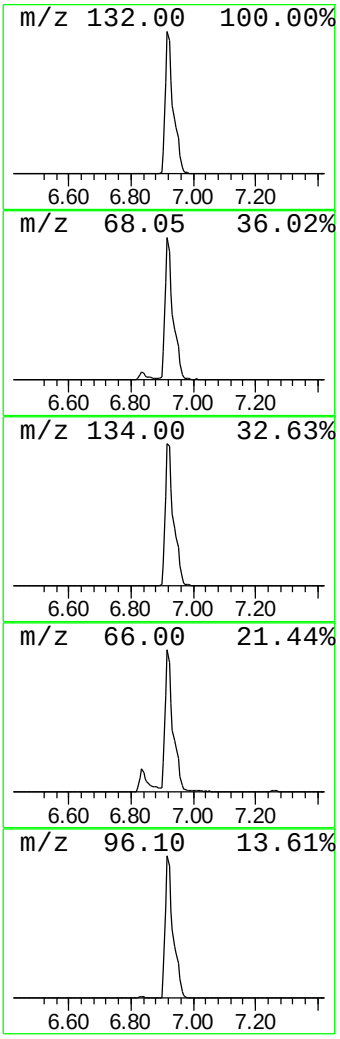
****

Peak Number 3 unknown6.92 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.92	94.79 ng	1785120	1,4-Dichlorobenzene-d4	7.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9
4	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062317\
Data File : BF096167.D
Acq On : 23 Jun 2017 19:19
Operator : SJ/MA
Sample : I3842-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NC-TS-002

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

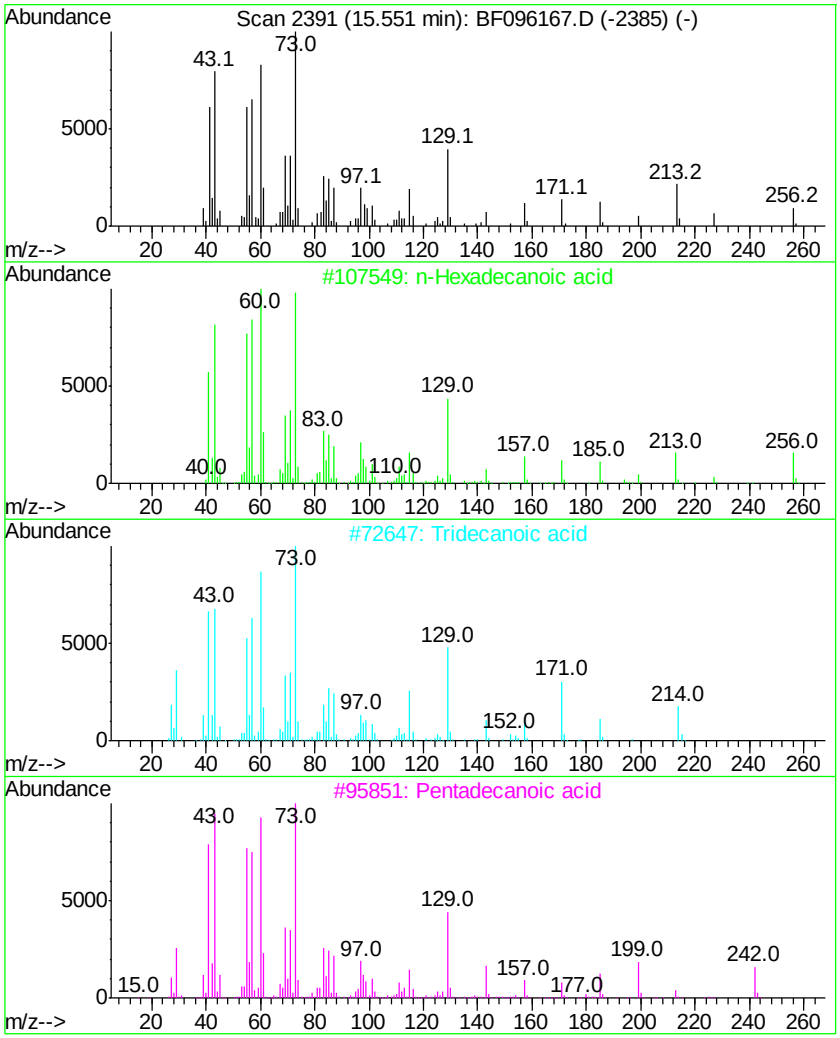
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

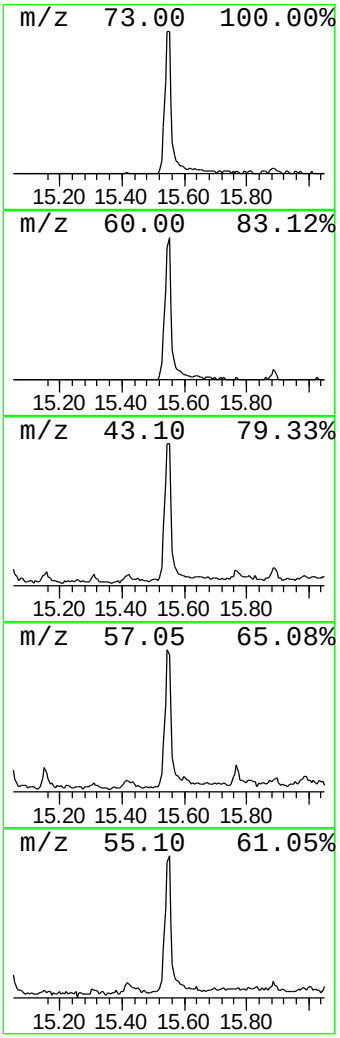
****

Peak Number 5 n-Hexadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.55	12.21 ng	349046	Phenanthrene-d10	14.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	91
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4	Dodecanoic acid	200	C12H24O2	000143-07-7	72
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	72





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062317\
Data File : BF096167.D
Acq On : 23 Jun 2017 19:19
Operator : SJ/MA
Sample : I3842-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NC-TS-002

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

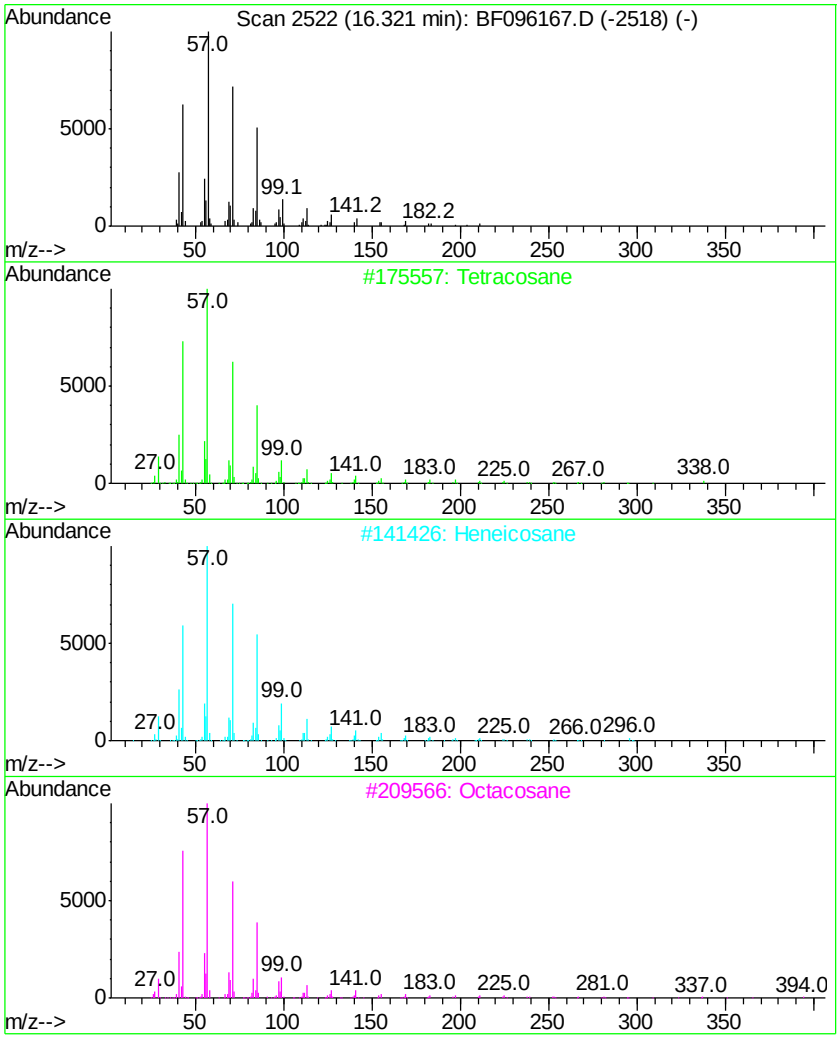
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

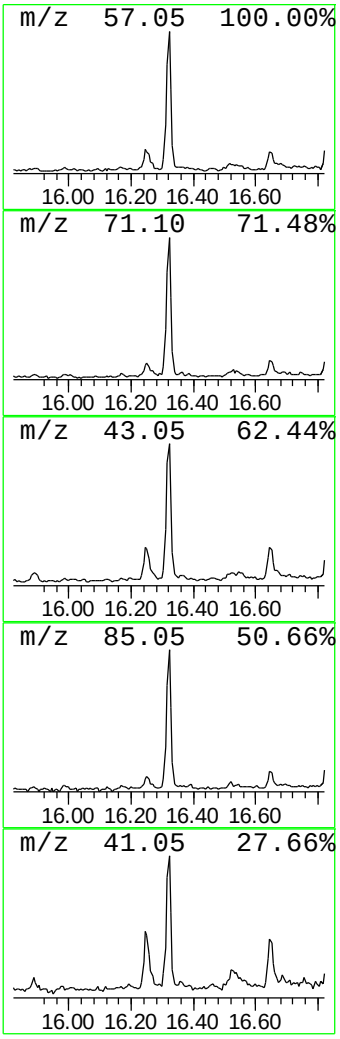
****

Peak Number 6 Tetracosane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.32	7.90 ng	225822	Phenanthrene-d10	14.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	Octacosane	394	C28H58	000630-02-4	91
4	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86
5	Octadecane	254	C18H38	000593-45-3	86





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062317\
Data File : BF096167.D
Acq On : 23 Jun 2017 19:19
Operator : SJ/MA
Sample : I3842-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NC-TS-002

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

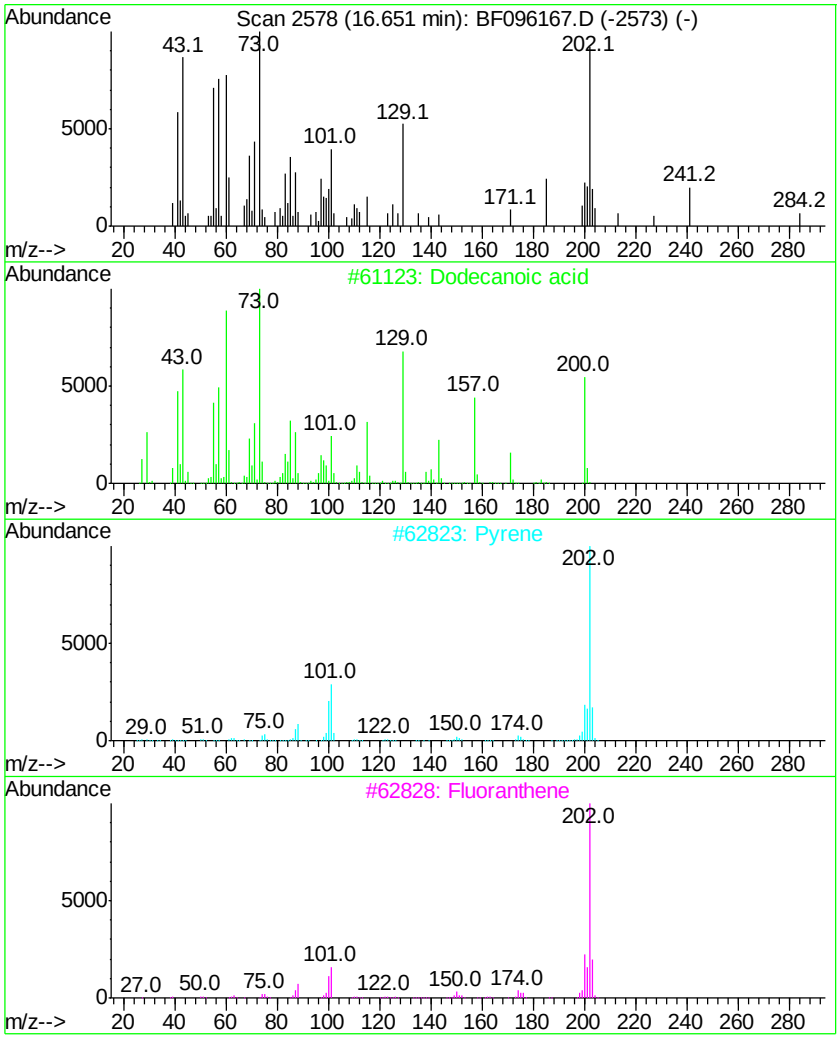
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

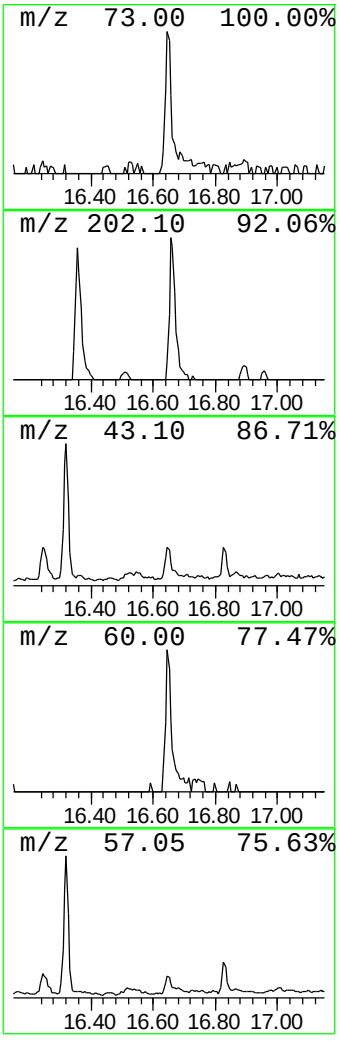
****

Peak Number 7 unknown16.65 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.65	6.78 ng	157788	Chrysene-d12	18.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecanoic acid	200	C12H24O2	000143-07-7	44
2	Pyrene	202	C16H10	000129-00-0	38
3	Fluoranthene	202	C16H10	000206-44-0	35
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	30
5	Octadecanoic acid	284	C18H36O2	000057-11-4	25





Data Path : Z:\HPCHEM1\BNA F\DATA\BF062317\
Data File : BF096167.D
Acq On : 23 Jun 2017 19:19
Operator : SJ/MA
Sample : I3842-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NC-TS-002

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

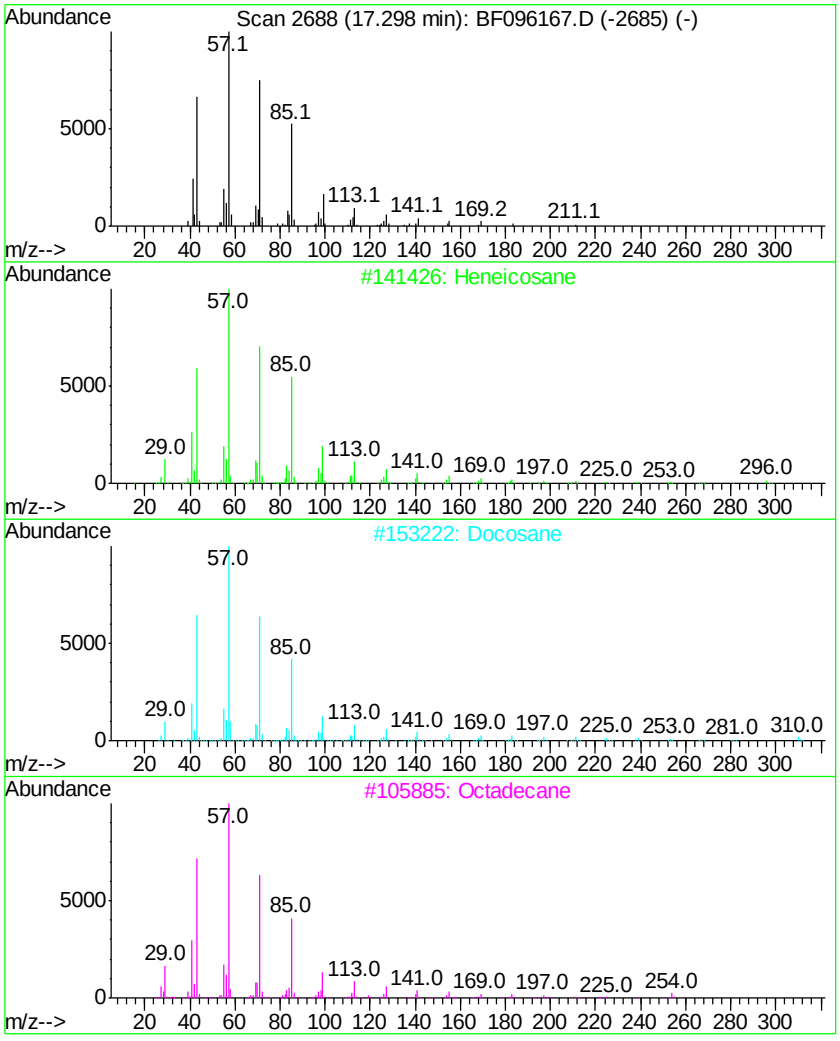
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

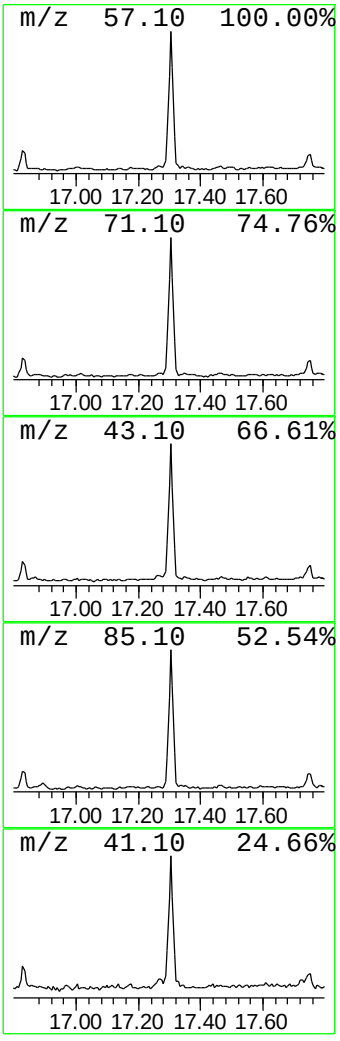
****

Peak Number 8 Heneicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.30	14.47 ng	336678	Chrysene-d12	18.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Docosane	310	C22H46	000629-97-0	90
3	Octadecane	254	C18H38	000593-45-3	90
4	Tetracosane	338	C24H50	000646-31-1	87
5	Heptadecane	240	C17H36	000629-78-7	87





Data Path : Z:\HPCHEM1\BNA F\DATA\BF062317\
Data File : BF096167.D
Acq On : 23 Jun 2017 19:19
Operator : SJ/MA
Sample : I3842-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NC-TS-002

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

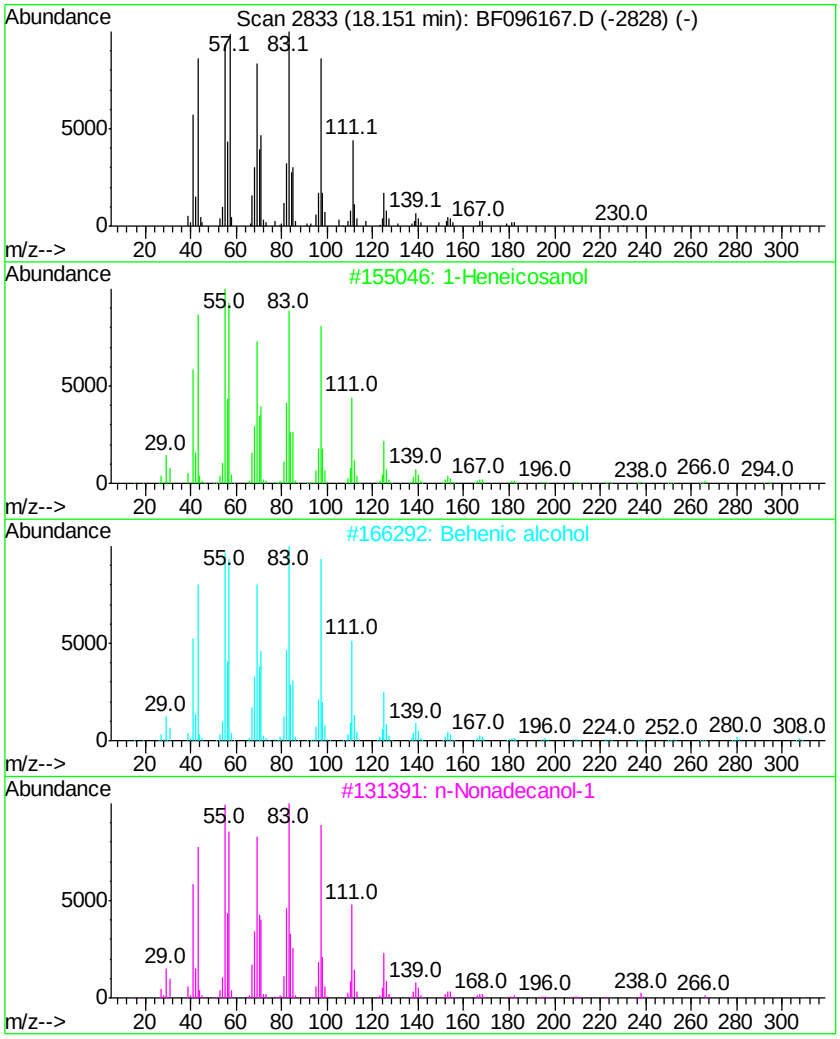
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

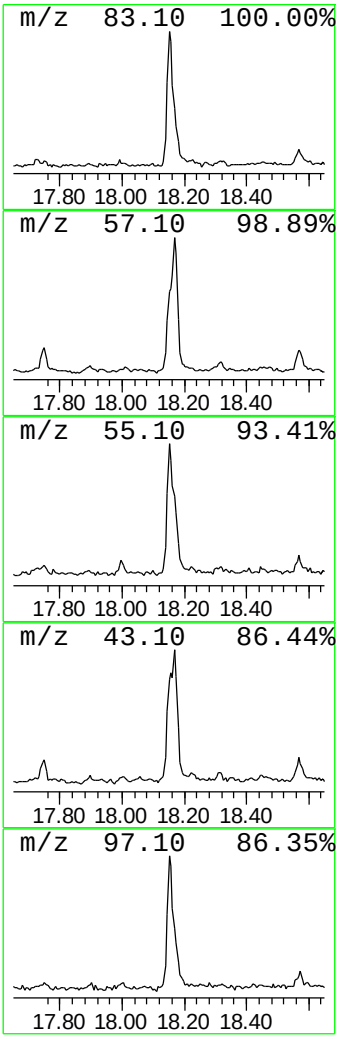
****

Peak Number 9 1-Heneicosanol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.15	24.29 ng	565005	Chrysene-d12	18.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	95
2	Behenic alcohol	326	C22H46O	000661-19-8	94
3	n-Nonadecanol-1	284	C19H40O	001454-84-8	94
4	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	93
5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91





Data Path : Z:\HPCHEM1\BNA F\DATA\BF062317\
Data File : BF096167.D
Acq On : 23 Jun 2017 19:19
Operator : SJ/MA
Sample : I3842-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NC-TS-002

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

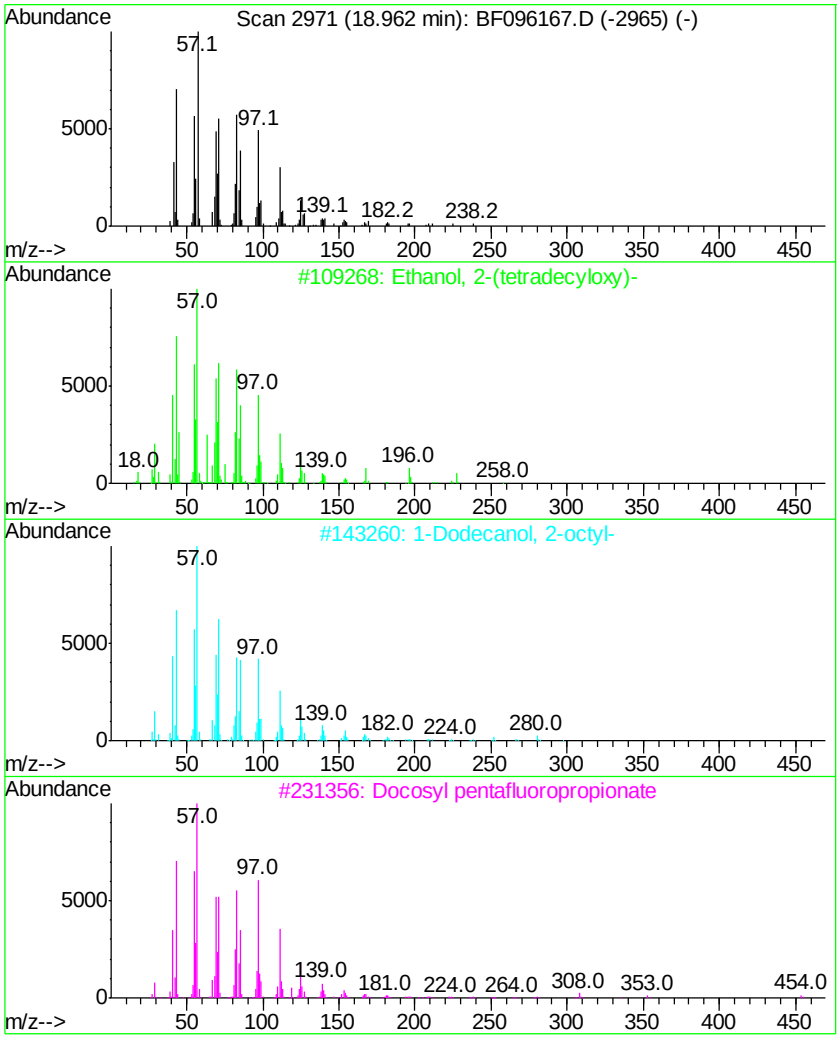
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

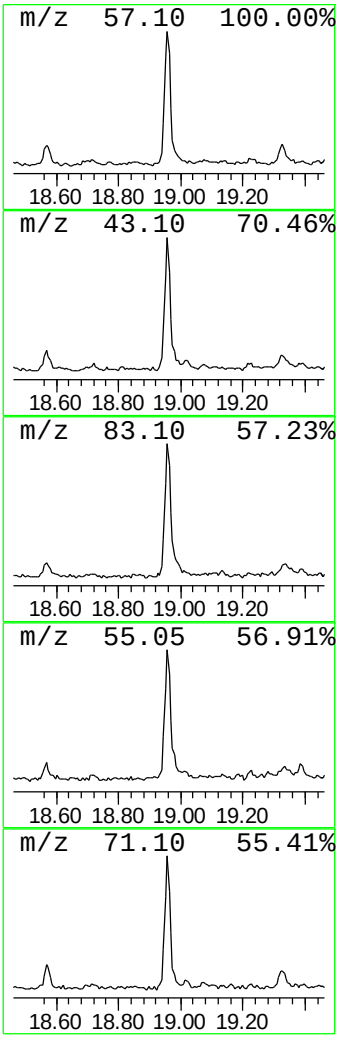
****

Peak Number 10 Ethanol, 2-(tetradecyloxy)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.96	19.14 ng	445233	Chrysene-d12	18.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	91
2	1-Dodecanol, 2-octyl-	298	C20H42O	005333-42-6	91
3	Docosyl pentafluoropropionate	472	C25H45F5O2	1000351-80-9	87
4	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	81
5	Pentafluoropropionic acid, octad...	416	C21H37F5O2	959261-25-7	81





Data Path : Z:\HPCHEM1\BNA F\DATA\BF062317\
Data File : BF096167.D
Acq On : 23 Jun 2017 19:19
Operator : SJ/MA
Sample : I3842-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NC-TS-002

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

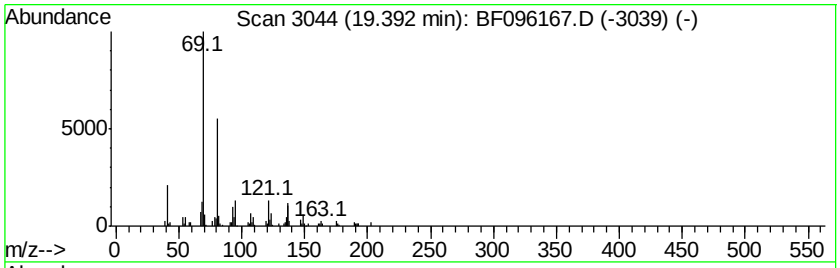
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

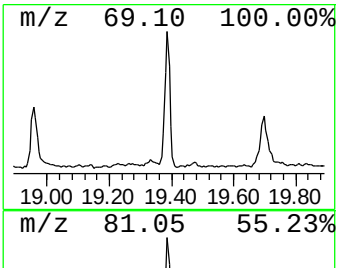
****

Peak Number 11 Squalene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.39	9.44 ng	185091	Perylene-d12	19.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	000111-02-4	91
2	Supraene	410	C30H50	007683-64-9	91
3	.psi.,.psi.-Carotene, 7,7',8,8',...	547	C40H66	000502-62-5	78
4	(.+/-.)-Lavandulol, pentafluorop...	300	C13H17F5O2	1000352-63-1	72
5	7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	72





Data Path : Z:\HPCHEM1\BNA F\DATA\BF062317\
Data File : BF096167.D
Acq On : 23 Jun 2017 19:19
Operator : SJ/MA
Sample : I3842-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NC-TS-002

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

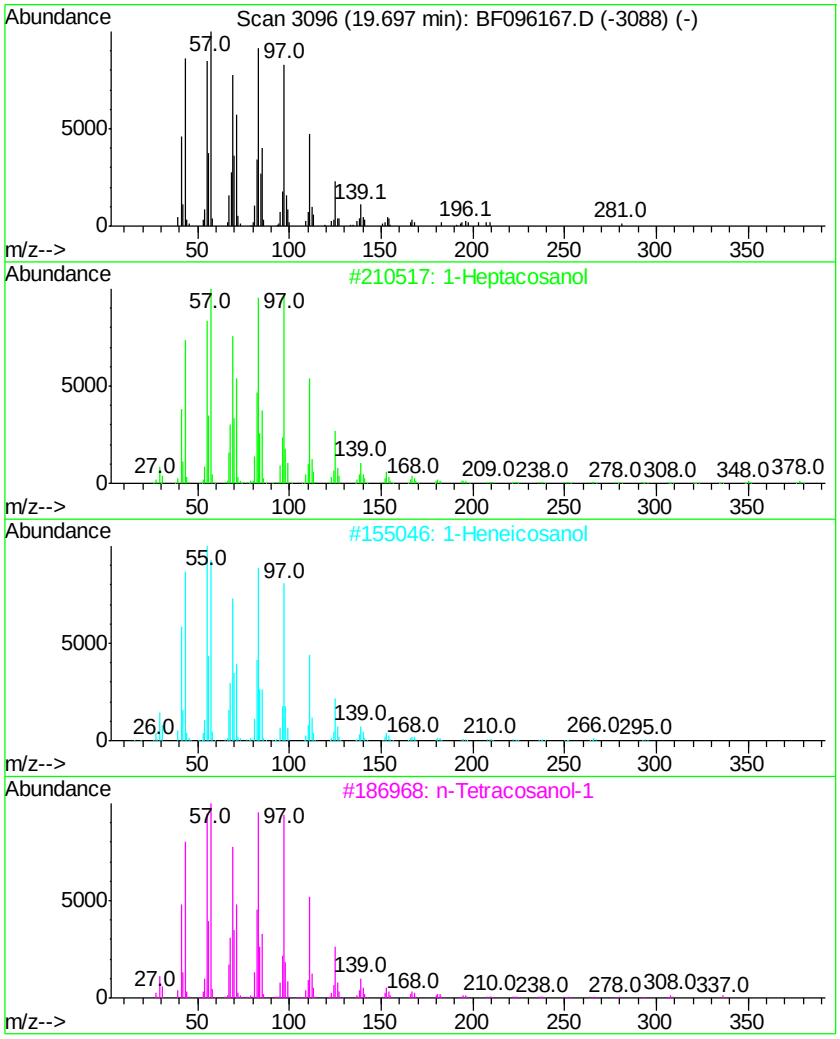
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

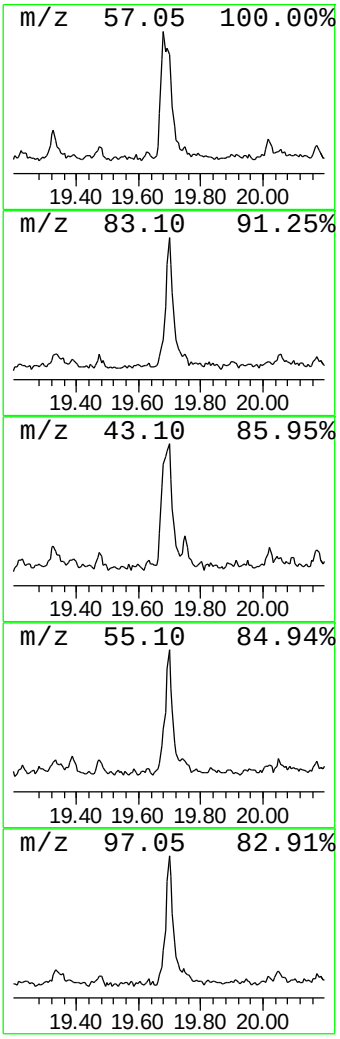
****

Peak Number 12 1-Heptacosanol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.70	24.40 ng	478176	Perylene-d12	19.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptacosanol	396	C27H56O	002004-39-9	95
2	1-Heneicosanol	312	C21H44O	015594-90-8	93
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	93
4	Behenic alcohol	326	C22H46O	000661-19-8	93
5	17-Pentatriacontene	491	C35H70	006971-40-0	91





Data Path : Z:\HPCHEM1\BNA F\DATA\BF062317\
Data File : BF096167.D
Acq On : 23 Jun 2017 19:19
Operator : SJ/MA
Sample : I3842-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NC-TS-002

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

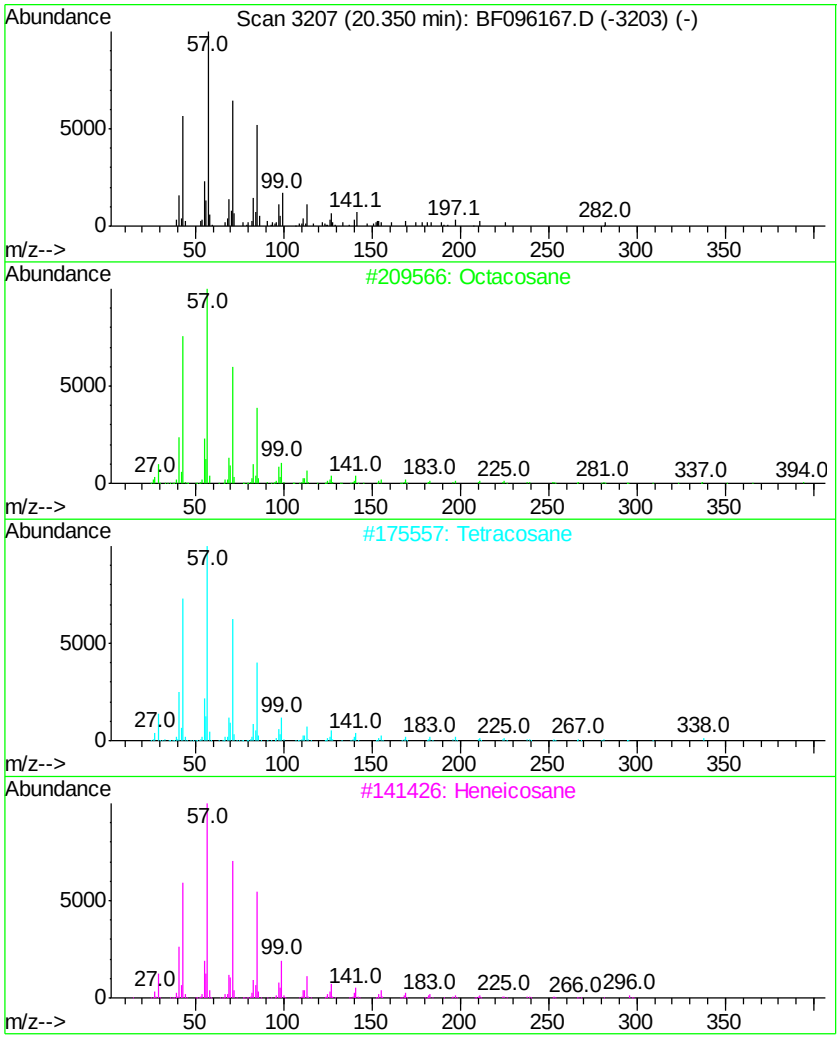
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

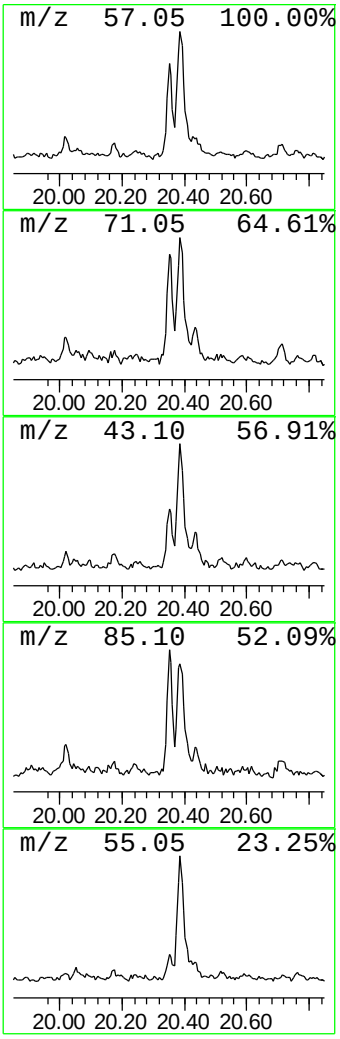
****

Peak Number 13 Octacosane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.35	5.73 ng	112323	Perylene-d12	19.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	91
2	Tetracosane	338	C24H50	000646-31-1	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Eicosane	282	C20H42	000112-95-8	90
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90





Data Path : Z:\HPCHEM1\BNA F\DATA\BF062317\
Data File : BF096167.D
Acq On : 23 Jun 2017 19:19
Operator : SJ/MA
Sample : I3842-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NC-TS-002

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

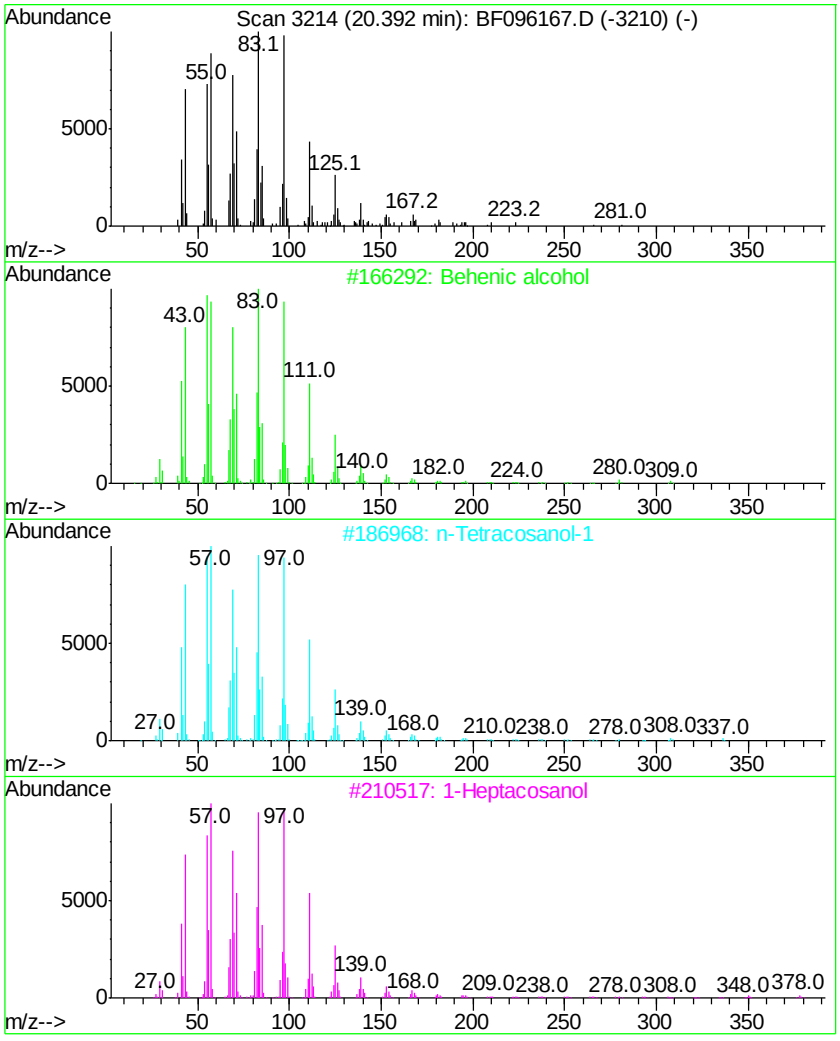
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

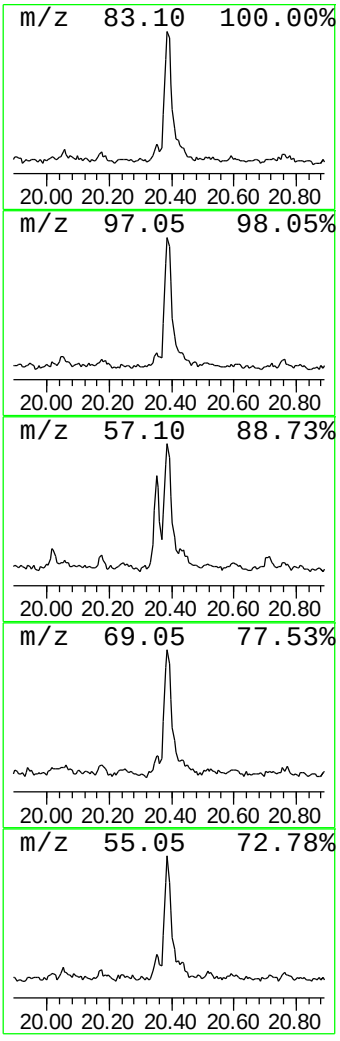
****

Peak Number 14 Behenic alcohol Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.39	17.21 ng	337293	Perylene-d12	19.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Behenic alcohol	326	C22H46O	000661-19-8	95
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	95
3	1-Heptacosanol	396	C27H56O	002004-39-9	95
4	Octacosyl acetate	452	C30H60O2	018206-97-8	93
5	1-Heneicosanol	312	C21H44O	015594-90-8	93





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062317\
Data File : BF096167.D
Acq On : 23 Jun 2017 19:19
Operator : SJ/MA
Sample : I3842-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NC-TS-002

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

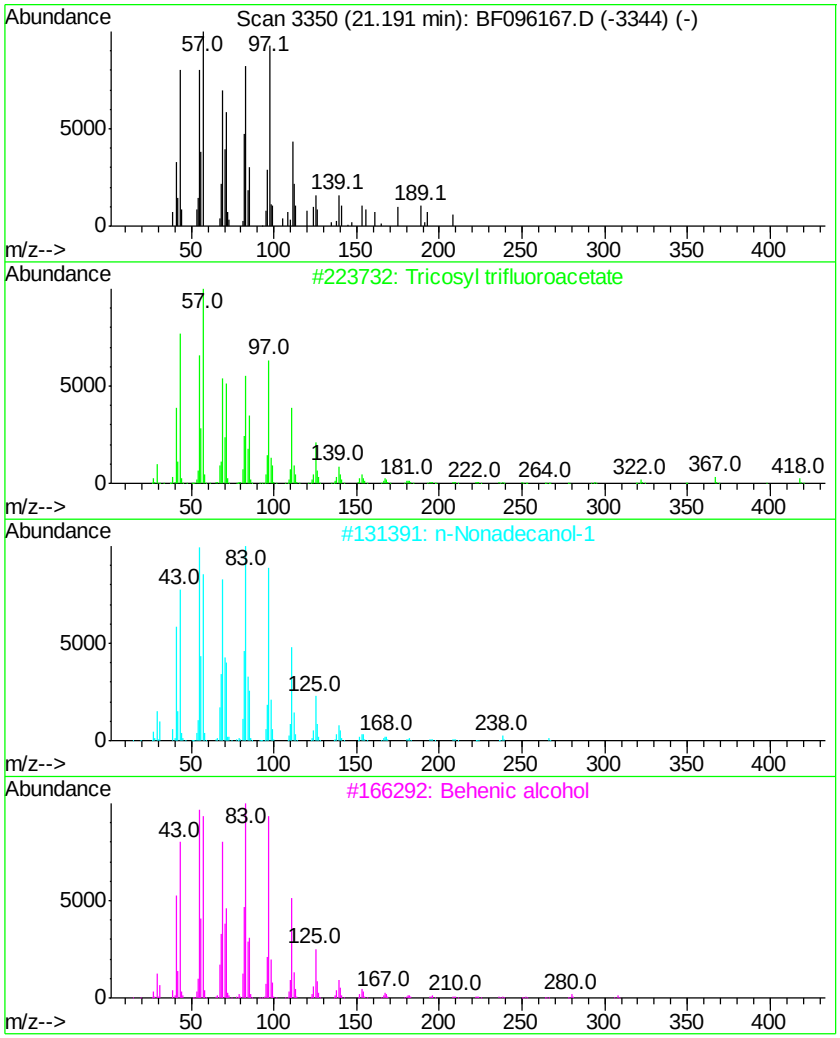
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

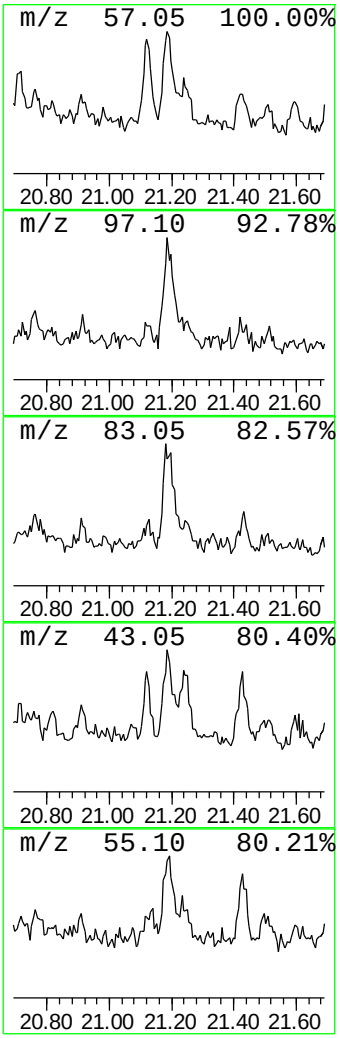
****

Peak Number 15 Tricosyl trifluoroacetate Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.19	5.40 ng	105851	Perylene-d12	19.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricosyl trifluoroacetate	436	C25H47F3O2	1000351-75-1	70
2	n-Nonadecanol-1	284	C19H40O	001454-84-8	68
3	Behenic alcohol	326	C22H46O	000661-19-8	68
4	1-Nonadecene	266	C19H38	018435-45-5	68
5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	64





Data Path : Z:\HPCHEM1\BNA F\DATA\BF062317\
Data File : BF096167.D
Acq On : 23 Jun 2017 19:19
Operator : SJ/MA
Sample : I3842-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NC-TS-002

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

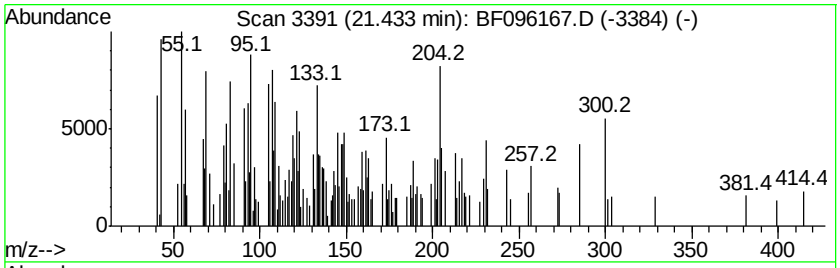
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

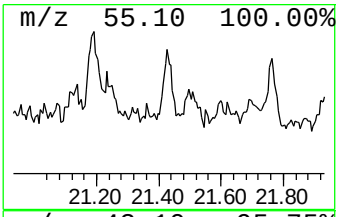
****

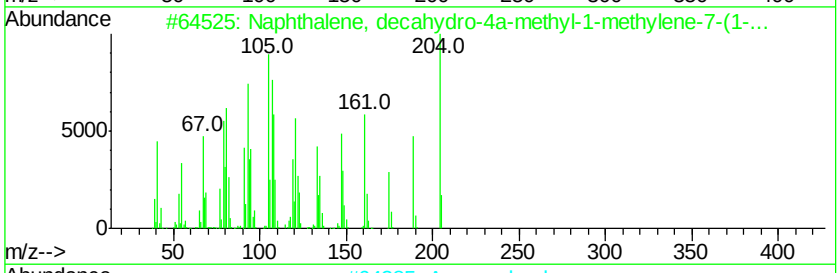
Peak Number 16 Naphthalene, decahydro-4a-m... Concentration Rank 11

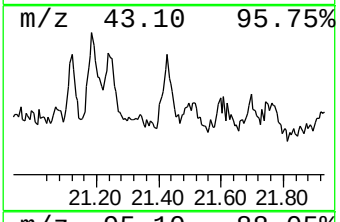
R.T.	EstConc	Area	Relative to ISTD	R.T.
21.43	10.40 ng	203911	Perylene-d12	19.92

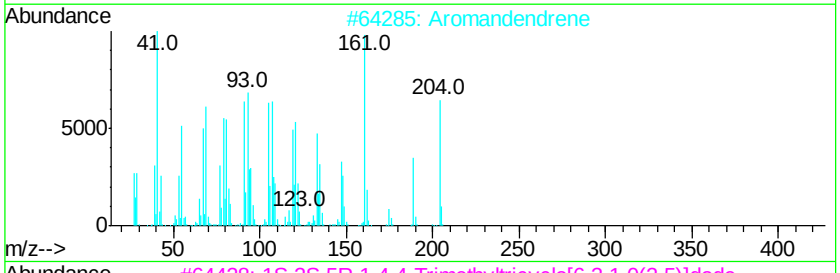
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-4a-methyl...	204	C15H24	017066-67-0	91
2	Aromandendrene	204	C15H24	000489-39-4	59
3	1S,2S,5R-1,4,4-Trimethyltricyclo...	204	C15H24	1000140-07-5	51
4	.alpha.-Guaiene	204	C15H24	003691-12-1	46
5	Thunbergol	290	C20H34O	025269-17-4	38

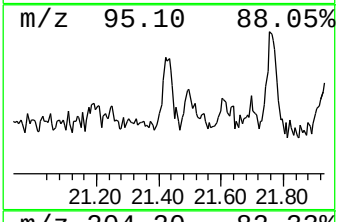


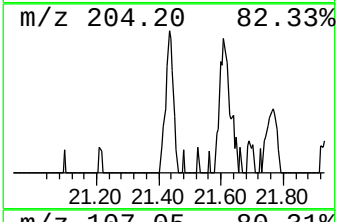


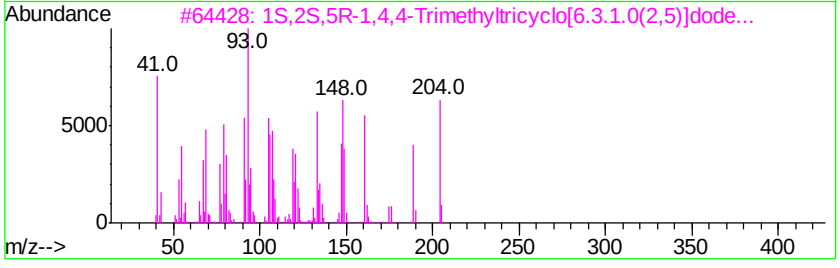


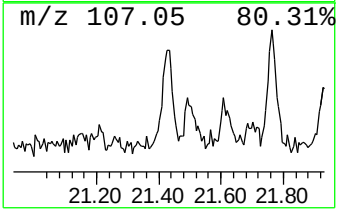












Data Path : Z:\HPCHEM1\BNA F\DATA\BF062317\
Data File : BF096167.D
Acq On : 23 Jun 2017 19:19
Operator : SJ/MA
Sample : I3842-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NC-TS-002

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

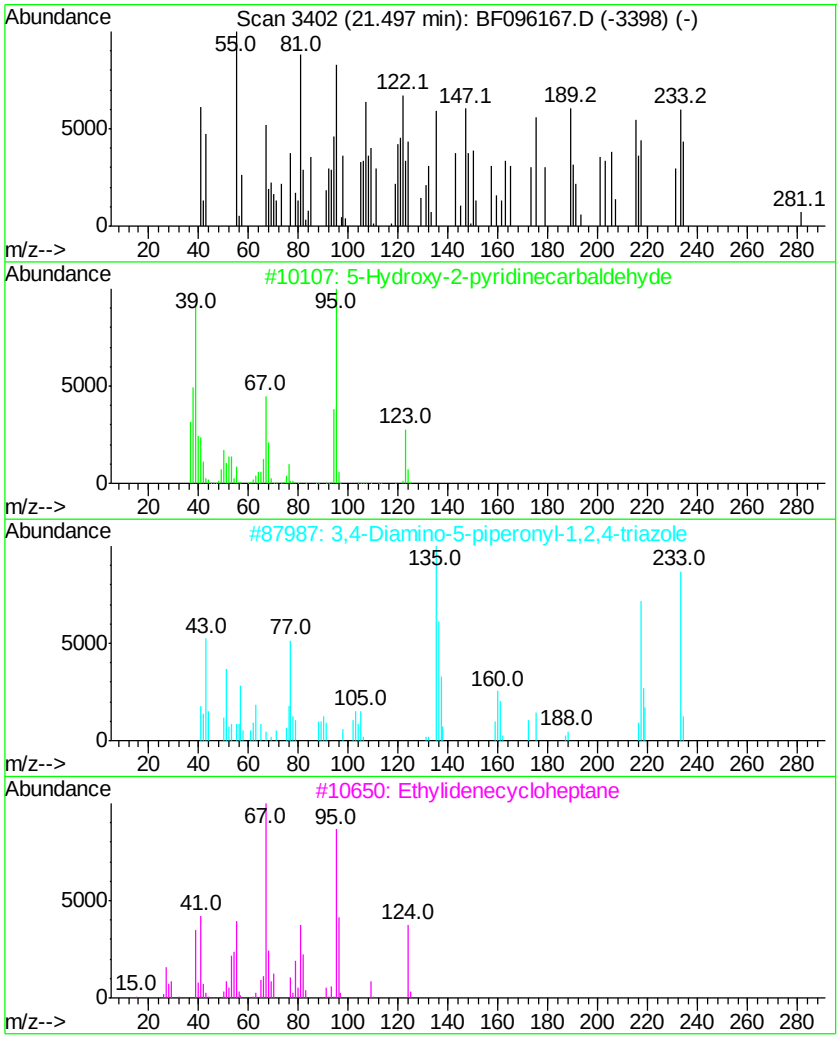
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

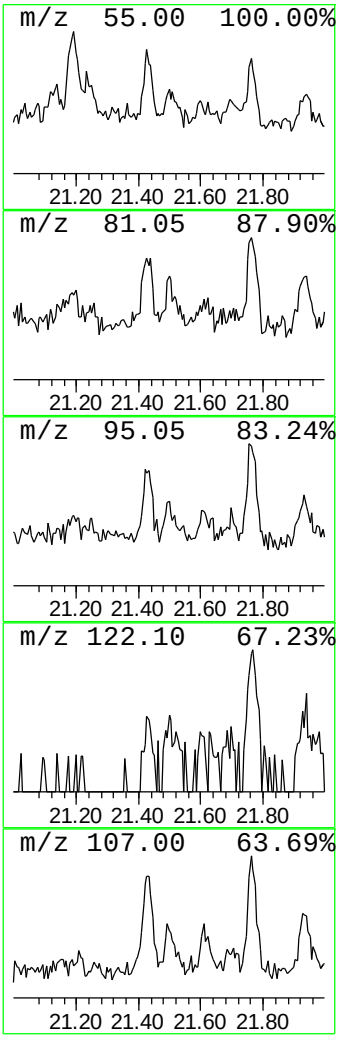
****

Peak Number 17 unknown21.50 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.50	4.79 ng	93782	Perylene-d12	19.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Hydroxy-2-pyridinecarbaldehyde	123	C6H5NO2	031191-08-9	11
2	3,4-Diamino-5-piperonyl-1,2,4-tr...	233	C10H11N5O2	014745-22-3	11
3	Ethylidenecycloheptane	124	C9H16	010494-87-8	10
4	Bisvertinol	498	C28H34O8	103804-06-4	10
5	Urea, N-[(2,3-dihydro-1,3-dimeth...	234	C11H14N4O2	1000337-30-0	10





Data Path : Z:\HPCHEM1\BNA F\DATA\BF062317\
Data File : BF096167.D
Acq On : 23 Jun 2017 19:19
Operator : SJ/MA
Sample : I3842-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NC-TS-002

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

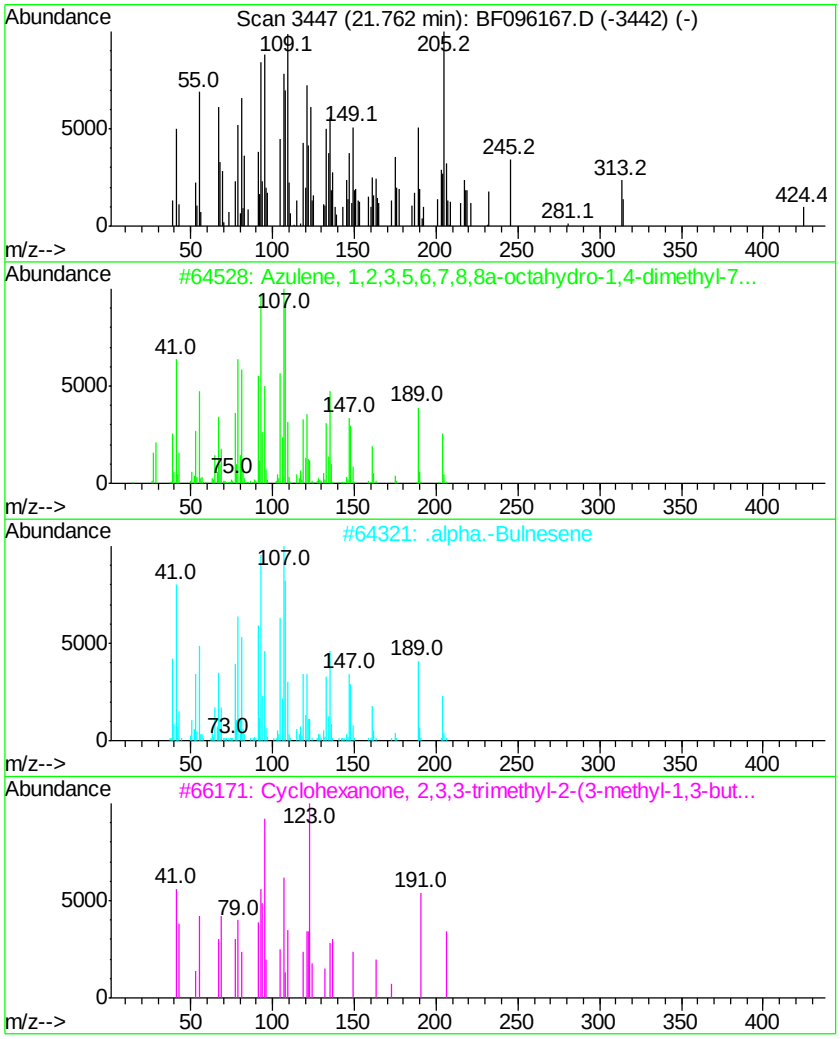
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

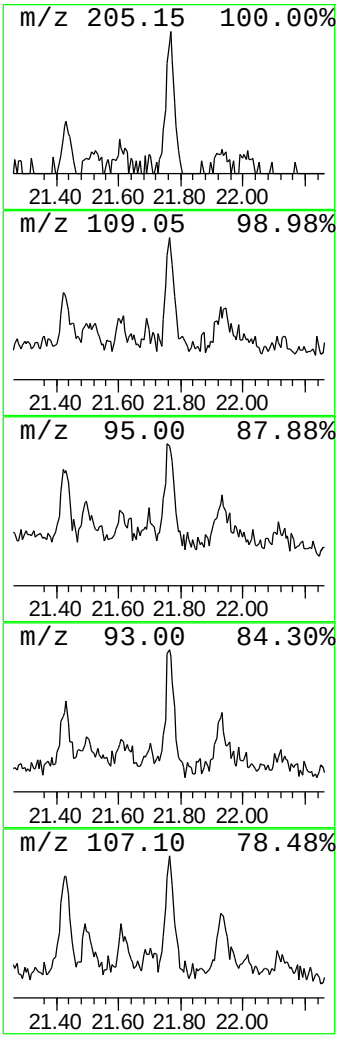
****

Peak Number 18 Azulene, 1,2,3,5,6,7,8,8a-o... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.76	9.91 ng	194174	Perylene-d12	19.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Azulene, 1,2,3,5,6,7,8,8a-octahv...	204	C15H24	003691-11-0	58
2	.alpha.-Bulnesene	204	C15H24	1000374-19-9	56
3	Cyclohexanone, 2,3,3-trimethyl-2...	206	C14H22O	069296-90-8	46
4	2,3,3-Trimethyl-2-(3-methyl-buta...	206	C14H22O	1000193-60-6	41
5	Naphthalene, 1,2,3,4,4a,5,6,8a-o...	204	C15H24	000473-13-2	38





Data Path : Z:\HPCHEM1\BNA F\DATA\BF062317\
Data File : BF096167.D
Acq On : 23 Jun 2017 19:19
Operator : SJ/MA
Sample : I3842-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NC-TS-002

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

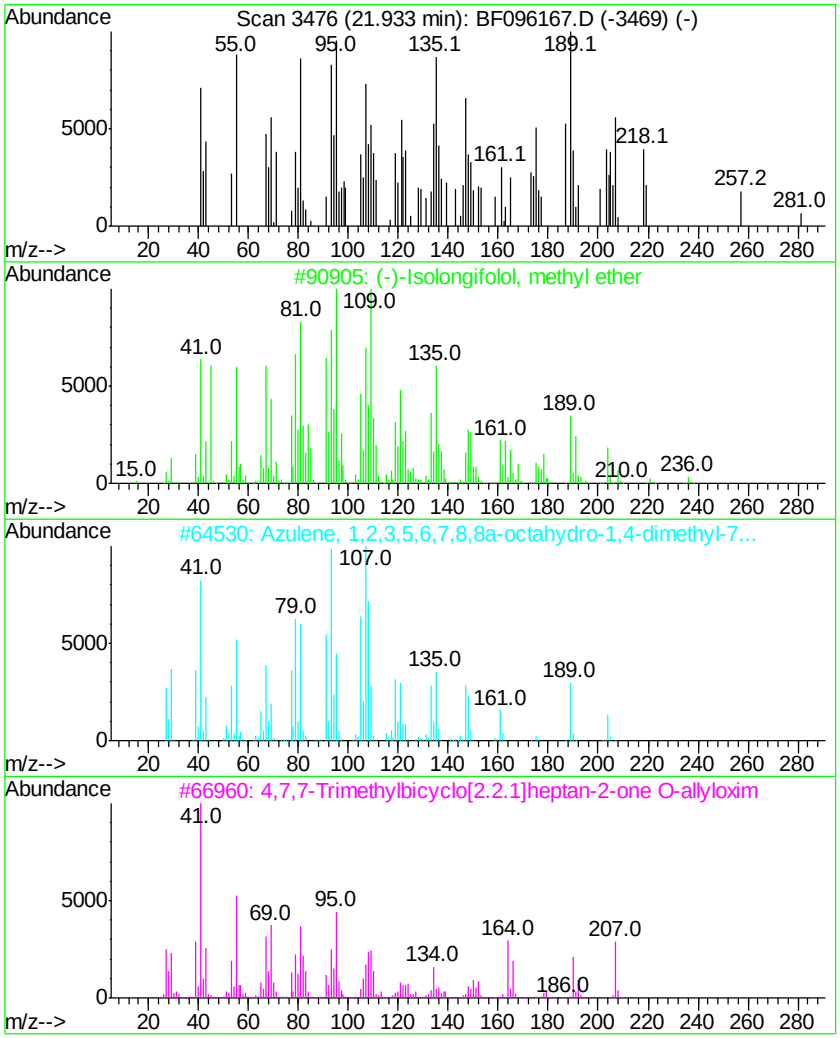
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

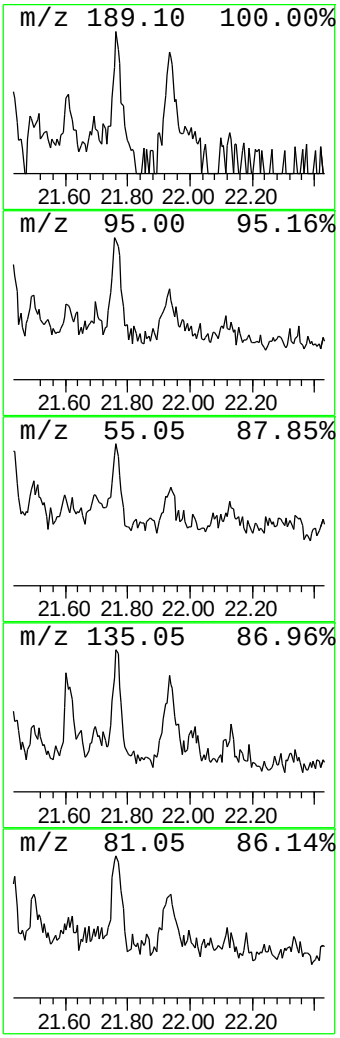
****

Peak Number 19 unknown21.93 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.93	5.94 ng	116338	Perylene-d12	19.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(-)-Isolongifolol, methyl ether	236	C16H28O	1000333-80-8	43
2	Azulene, 1,2,3,5,6,7,8,8a-octahy...	204	C15H24	003691-11-0	38
3	4,7,7-Trimethylbicyclo[2.2.1]hep...	207	C13H21NO	1000210-89-8	38
4	4,8-Methanoazulen-9-ol, decahydr...	222	C15H26O	004586-22-5	38
5	1H-3a,7-Methanoazulene, 2,3,6,7,...	204	C15H24	000560-32-7	25





Data Path : Z:\HPCHEM1\BNA F\DATA\BF062317\
Data File : BF096167.D
Acq On : 23 Jun 2017 19:19
Operator : SJ/MA
Sample : I3842-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NC-TS-002

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

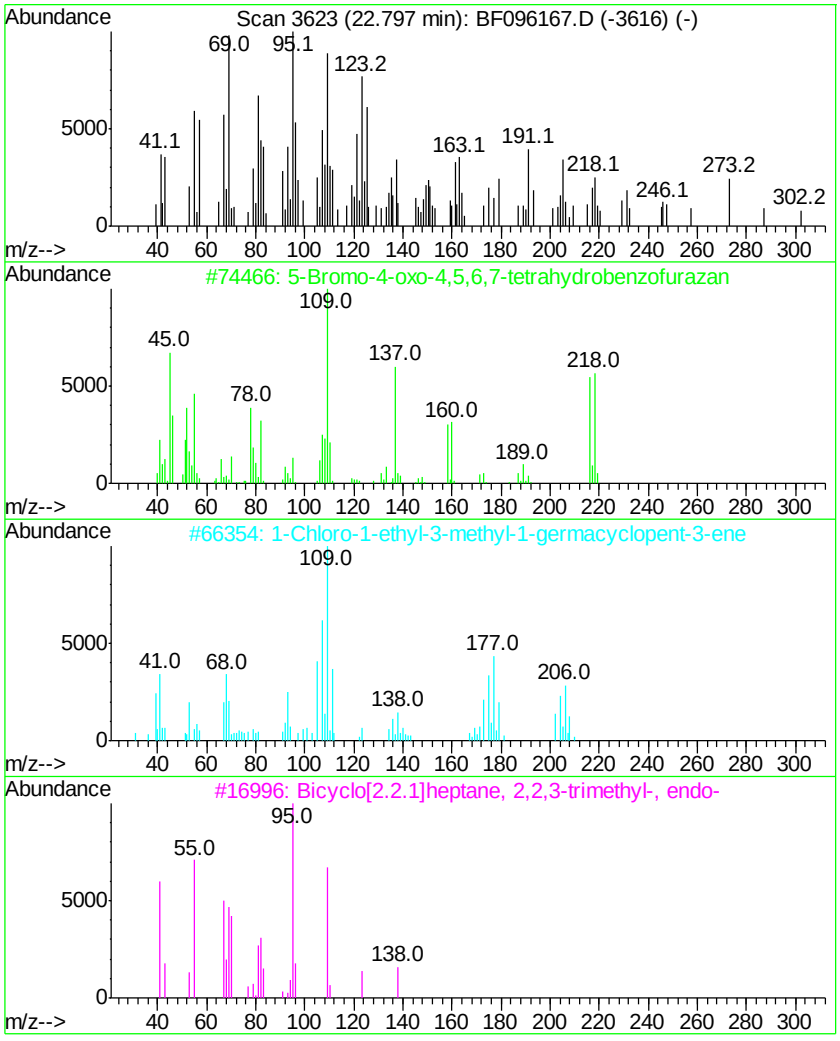
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

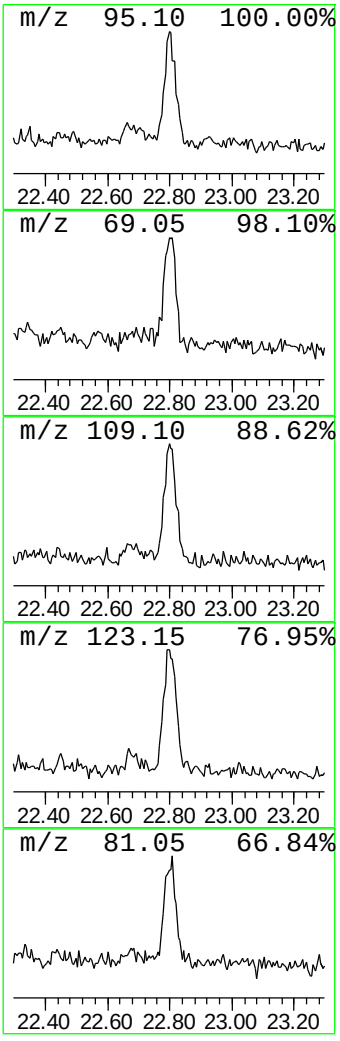
****

Peak Number 20 5-Bromo-4-oxo-4,5,6,7-tetra... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.80	12.12 ng	237452	Perylene-d12	19.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Bromo-4-oxo-4,5,6,7-tetrahydro...	216	C6H5BrN2O2	300574-36-1	59
2	1-Chloro-1-ethyl-3-methyl-1-germ...	206	C7H13ClGe	026311-76-2	42
3	Bicyclo[2.2.1]heptane, 2,2,3-tri...	138	C10H18	020536-40-7	42
4	Cyclohexanone, 2,3,3-trimethyl-2...	206	C14H22O	069296-90-8	30
5	2,3,3-Trimethyl-2-(3-methyl-buta...	206	C14H22O	1000193-60-6	30





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062317\
Data File : BF096167.D
Acq On : 23 Jun 2017 19:19
Operator : SJ/MA
Sample : I3842-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NC-TS-002

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.43	10.4	ng	195840	1	7.26	376666	20.0
unknown6.92	6.92	94.8	ng	1785120	1	7.26	376666	20.0
n-Hexadecanoic acid	15.55	12.2	ng	349046	4	14.50	571910	20.0
Tetracosane	16.32	7.9	ng	225822	4	14.50	571910	20.0
unknown16.65	16.65	6.8	ng	157788	5	18.25	465224	20.0
Heneicosane	17.30	14.5	ng	336678	5	18.25	465224	20.0
1-Heneicosanol	18.15	24.3	ng	565005	5	18.25	465224	20.0
Ethanol, 2-(tetra...	18.96	19.1	ng	445233	5	18.25	465224	20.0
Squalene	19.39	9.4	ng	185091	6	19.92	391951	20.0
1-Heptacosanol	19.70	24.4	ng	478176	6	19.92	391951	20.0
Octacosane	20.35	5.7	ng	112323	6	19.92	391951	20.0
Behenic alcohol	20.39	17.2	ng	337293	6	19.92	391951	20.0
Tricosyl trifluor...	21.19	5.4	ng	105851	6	19.92	391951	20.0
Naphthalene, deca...	21.43	10.4	ng	203911	6	19.92	391951	20.0
unknown21.50	21.50	4.8	ng	93782	6	19.92	391951	20.0
Azulene, 1,2,3,5,...	21.76	9.9	ng	194174	6	19.92	391951	20.0
unknown21.93	21.93	5.9	ng	116338	6	19.92	391951	20.0
5-Bromo-4-oxo-4,5...	22.80	12.1	ng	237452	6	19.92	391951	20.0