LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022619\
Data File : BM018944.D
Acq On : 27 Feb 2019 00:03
Operator : JU/SJ
Sample : K1356-11 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SU-02-022219-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-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	5.287	368	374	388	rBV	2541070	3683310	5.52%	1.487%
2	6.869	636	643	660	rBV	2384750	4091642	6.13%	1.652%
3	7.228	697	704	712	rBV	2547921	4058124	6.08%	1.639%
4	7.692	776	783	797	rVB	1303371	2023758	3.03%	0.817%
5	8.010	830	837	845	rBV	1803713	2887686	4.33%	1.166%
6	8.857	974	981	996	rBV	1349553	2452947	3.68%	0.990%
7	10.480	1251	1257	1263	rVB	1437625	2330697	3.49%	0.941%
8	11.880	1489	1495	1501	rBV	539049	873079	1.31%	0.353%
9	12.957	1672	1678	1685	rBV	2825385	4139188	6.20%	1.671%
10	13.139	1702	1709	1718	rVB	825669	1299335	1.95%	0.525%
11	13.804	1816	1822	1826	rVB3	473377	761469	1.14%	0.307%
12	14.221	1889	1893	1901	rBV	1153837	1548275	2.32%	0.625%
13	14.345	1908	1914	1920	rVB2	1950507	2949595	4.42%	1.191%
14	15.180	2051	2056	2061	rVB	1358855	1608684	2.41%	0.650%
15	15.839	2164	2168	2174	rVB	2132047	2953141	4.43%	1.192%
16	16.045	2198	2203	2212	rBV	1432125	2366892	3.55%	0.956%
17	16.839	2333	2338	2342	rBV	1261249	1456993	2.18%	0.588%
18	17.098	2376	2382	2385	rBV	2255633	3159622	4.73%	1.276%
19	17.139	2385	2389	2398	rVB	1946060	2715545	4.07%	1.096%
20	17.227	2400	2404	2408	rVV	495698	670406	1.00%	0.271%
21	17.574	2459	2463	2468	rBV	1021646	1278468	1.92%	0.516%
22	17.762	2489	2495	2500	rVB	11889109	14971464	22.44%	6.045%
23	17.992	2527	2534	2537	rBV2	1794930	2720219	4.08%	1.098%
24	18.168	2559	2564	2568	rBV4	442104	750574	1.12%	0.303%
25	18.268	2576	2581	2586	rBV	979609	1337811	2.00%	0.540%
26	18.915	2684	2691	2693	rBV	39202931	49681008	74.45%	20.060%
27	18.951	2693	2697	2707	rVB2	48122512	66731383	100.00%	26.944%
28	19.074	2713	2718	2723	rVB	6301254	6888805	10.32%	2.782%
29	19.133	2723	2728	2729	rBV	2475497	2759166	4.13%	1.114%
30	19.162	2729	2733	2742	rVB	6881328	9464526	14.18%	3.822%
31	19.445	2777	2781	2785	rVV	1279413	1583618	2.37%	0.639%
32	19.492	2785	2789	2792	rVV2	1111789	1431698	2.15%	0.578%
33	19.527	2792	2795	2803	rVB	2519369	3335261	5.00%	1.347%
34	19.733	2825	2830	2834	rVB	3728974	4551357	6.82%	1.838%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022619\
Data File : BM018944.D
Acq On : 27 Feb 2019 00:03
Operator : JU/SJ
Sample : K1356-11 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SU-02-022219-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-BM021119.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	19.939	2862	2865	2868	rBV	1047445	1141567	1.71%	0.461%
36	20.027	2877	2880	2883	rBV2	759330	882060	1.32%	0.356%
37	20.062	2883	2886	2893	rVB	1062227	1373923	2.06%	0.555%
38	20.174	2901	2905	2909	rBV2	1404695	1736598	2.60%	0.701%
39	20.527	2961	2965	2969	rBV	647900	717664	1.08%	0.290%
40	20.986	3039	3043	3053	rVB5	920184	1517061	2.27%	0.613%
41	21.127	3064	3067	3072	rVB	828994	841954	1.26%	0.340%
42	21.286	3088	3094	3099	rBV2	3446011	6326789	9.48%	2.555%
43	21.327	3099	3101	3107	rVB	1326435	1489693	2.23%	0.602%
44	21.427	3115	3118	3124	rBV2	553757	763845	1.14%	0.308%
45	21.862	3189	3192	3204	rVB	1207721	2052643	3.08%	0.829%
46	22.321	3267	3270	3278	rBV	717633	921846	1.38%	0.372%
47	22.539	3302	3307	3313	rVB	1440919	2381376	3.57%	0.962%
48	22.827	3353	3356	3359	rBV	662377	952572	1.43%	0.385%
49	22.868	3360	3363	3375	rVB	1127515	3062505	4.59%	1.237%
50	23.391	3450	3452	3456	rVB	559726	692696	1.04%	0.280%
51	23.444	3457	3461	3471	rVB	1009202	1910969	2.86%	0.772%
52	23.544	3473	3478	3484	rBV	1882383	3381480	5.07%	1.365%

Sum of corrected areas: 247662987

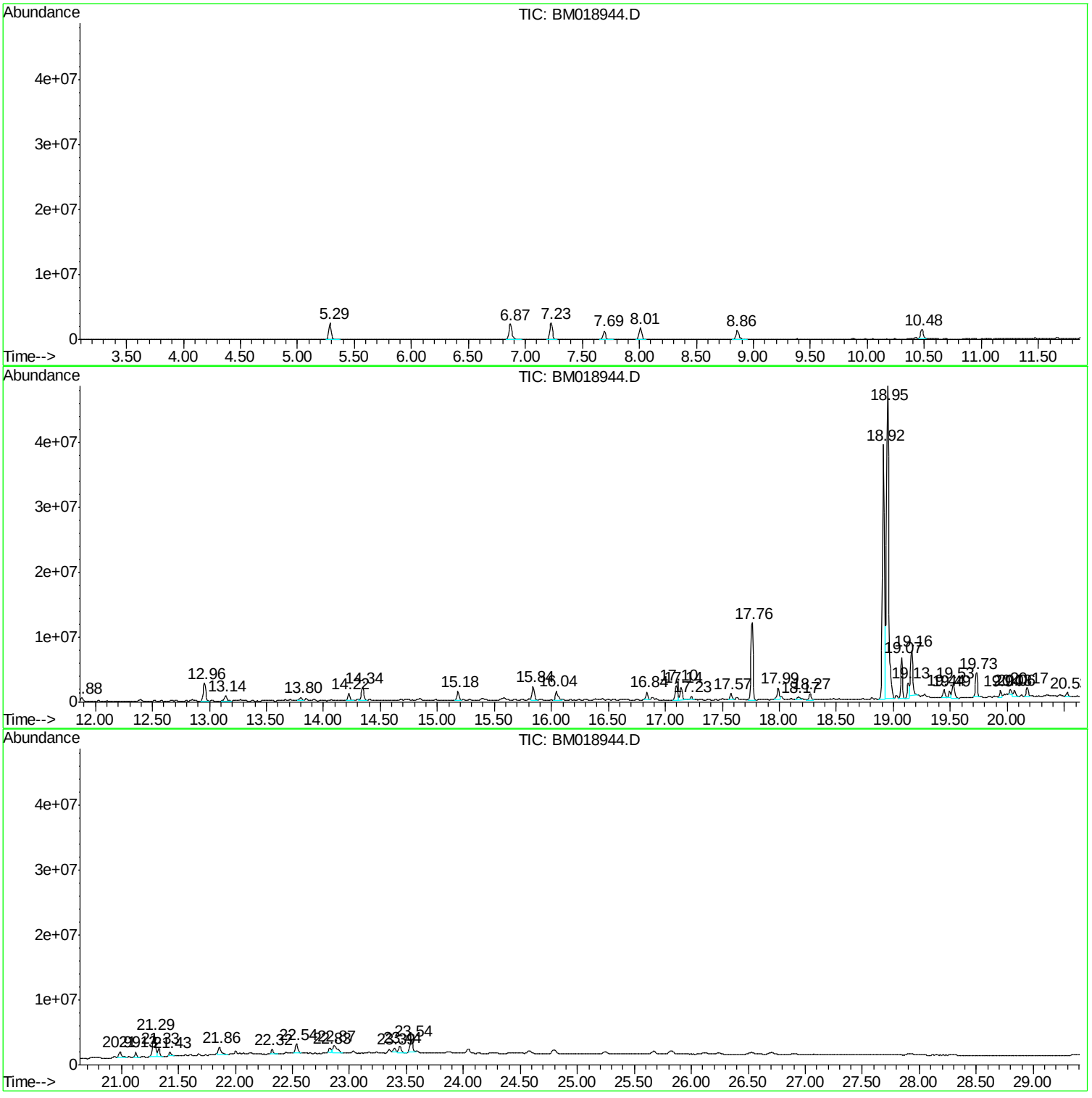
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022619\
Data File : BM018944.D
Acq On : 27 Feb 2019 00:03
Operator : JU/SJ
Sample : K1356-11 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SU-02-022219-B

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\BM022619\
Data File : BM018944.D
Acq On : 27 Feb 2019 00:03
Operator : JU/SJ
Sample : K1356-11 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SU-02-022219-B

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

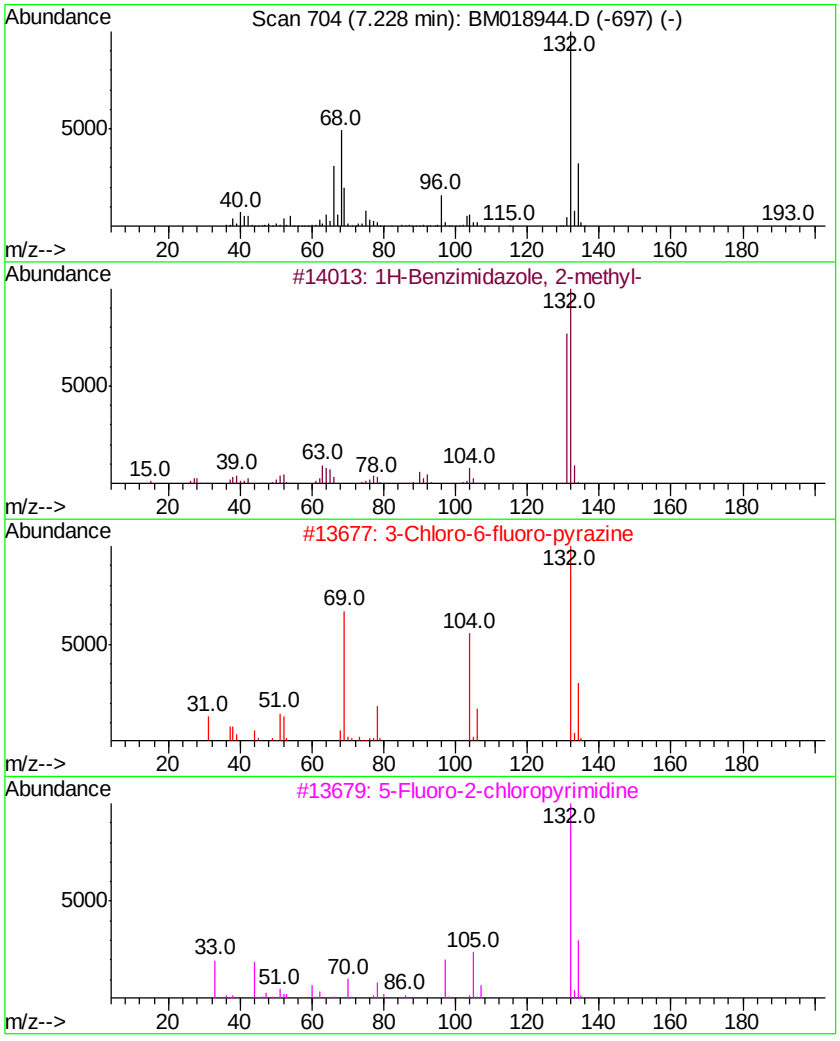
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

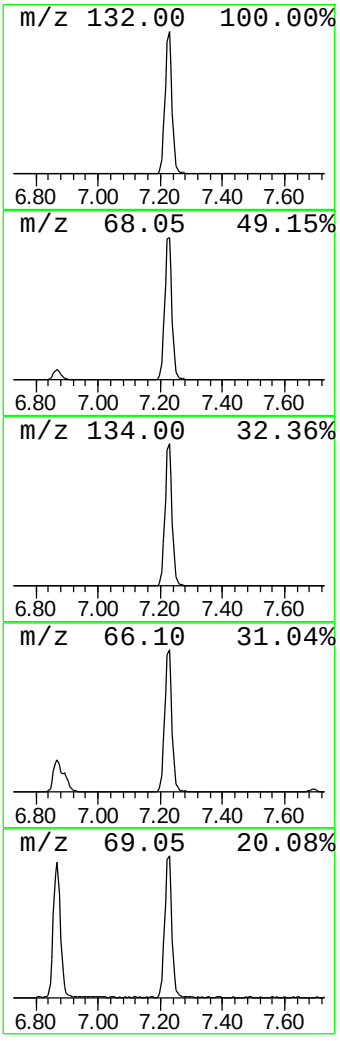
****

Peak Number 1 unknown7.23 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.23	40.10 ng	4058120	1,4-Dichlorobenzene-d4	7.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
4	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022619\
Data File : BM018944.D
Acq On : 27 Feb 2019 00:03
Operator : JU/SJ
Sample : K1356-11 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SU-02-022219-B

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

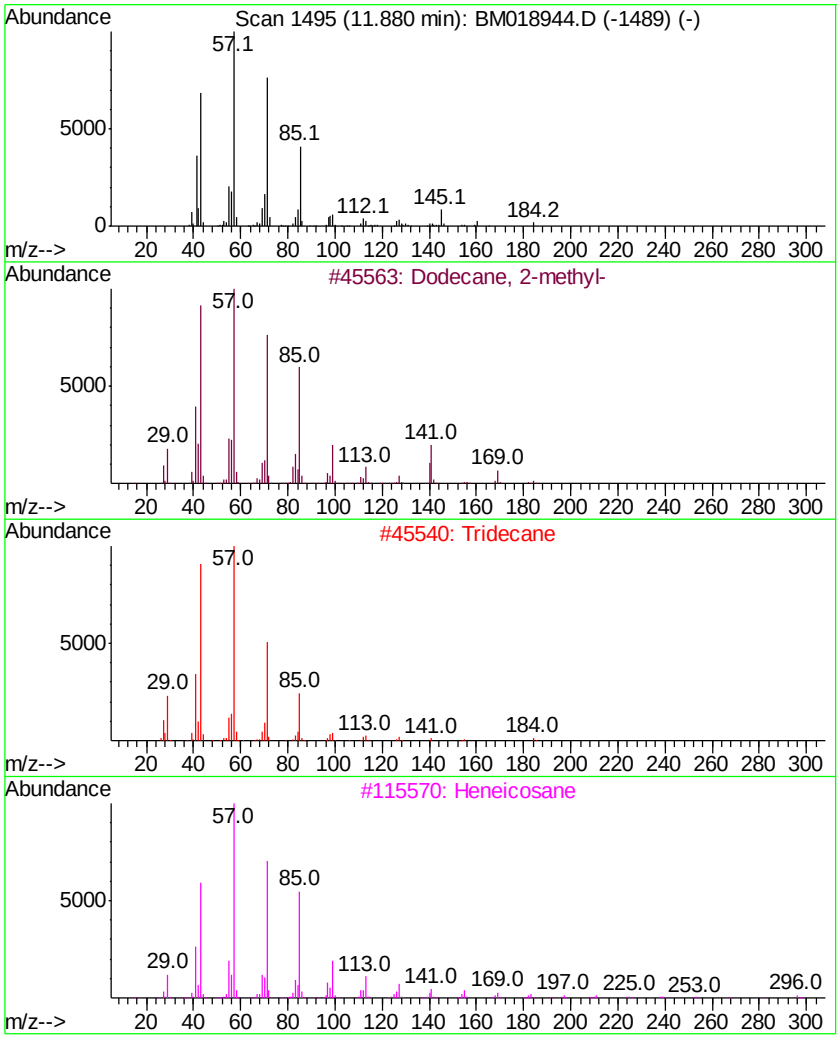
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

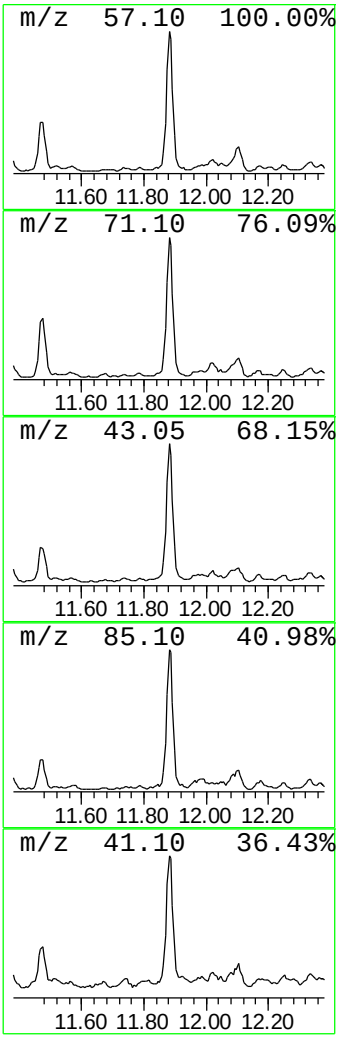
****

Peak Number 3 Dodecane, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.88	7.49 ng	873079	Naphthalene-d8	10.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-	184	C13H28	001560-97-0	87
2	Tridecane	184	C13H28	000629-50-5	80
3	Heneicosane	296	C21H44	000629-94-7	78
4	Heptadecane	240	C17H36	000629-78-7	78
5	Undecane, 2-methyl-	170	C12H26	007045-71-8	72





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022619\
Data File : BM018944.D
Acq On : 27 Feb 2019 00:03
Operator : JU/SJ
Sample : K1356-11 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SU-02-022219-B

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

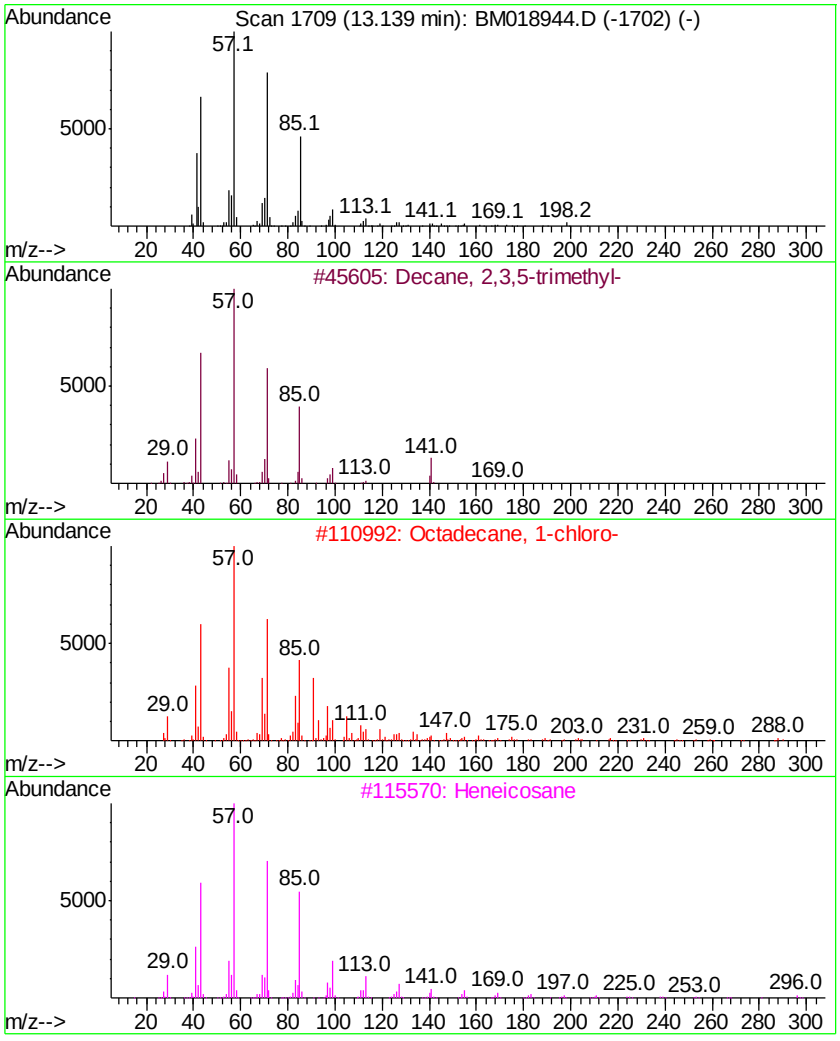
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

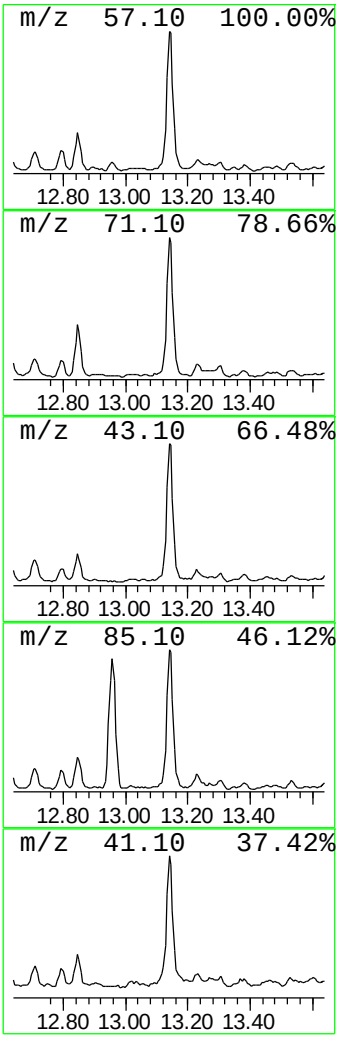
****

Peak Number 4 Decane, 2,3,5-trimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.14	8.81 ng	1299340	Acenaphthene-d10	14.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	83
2	Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	78
3	Heneicosane	296	C21H44	000629-94-7	78
4	Hexadecane	226	C16H34	000544-76-3	72
5	Nonane, 5-(2-methylpropyl)-	184	C13H28	062185-53-9	72





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022619\
Data File : BM018944.D
Acq On : 27 Feb 2019 00:03
Operator : JU/SJ
Sample : K1356-11 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SU-02-022219-B

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

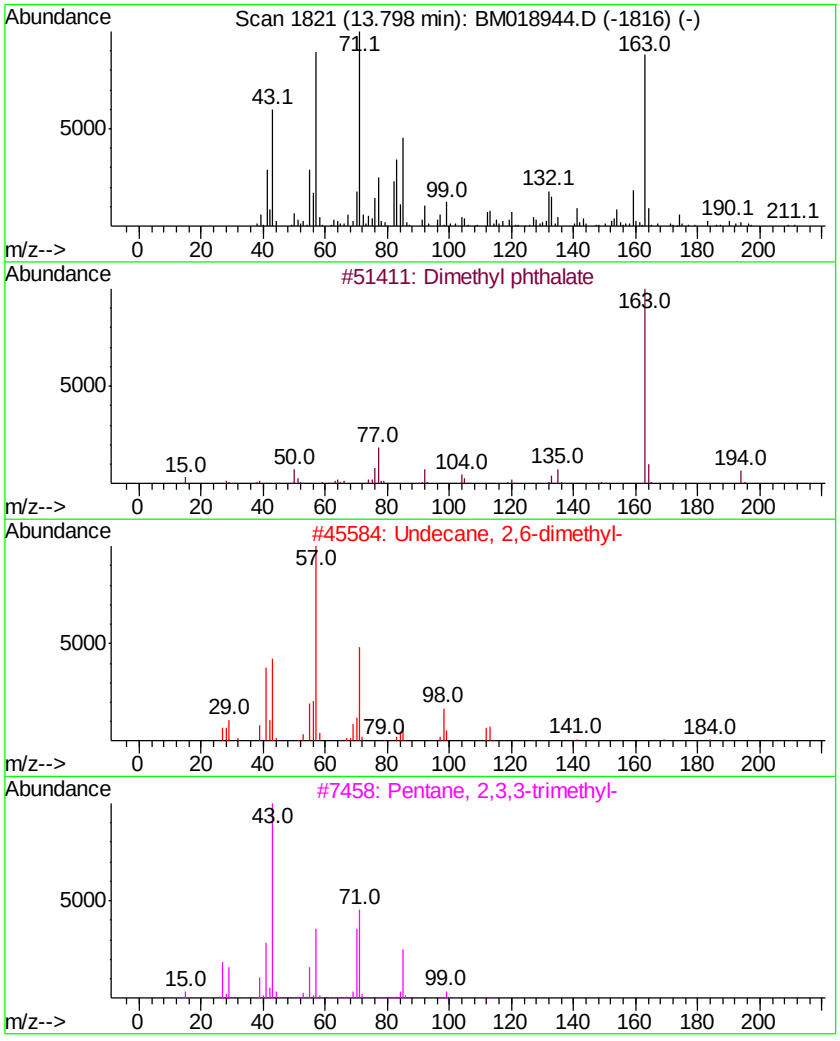
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

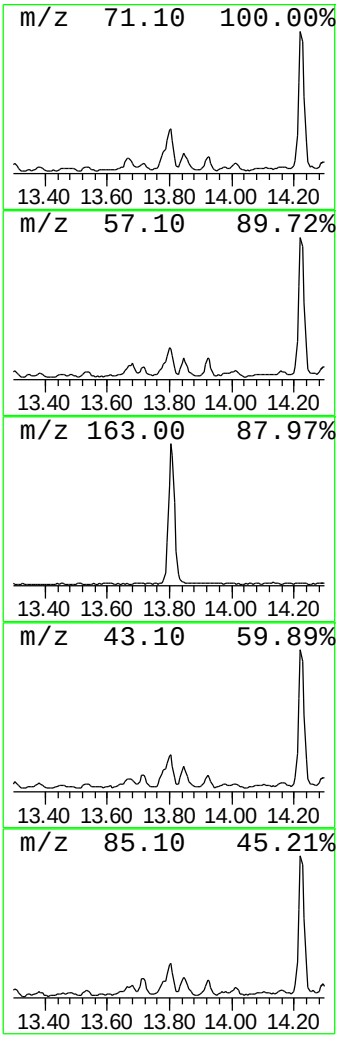
****

Peak Number 5 unknown13.80 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.80	5.16 ng	761469	Acenaphthene-d10	14.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dimethyl phthalate	194	C10H10O4	000131-11-3	38
2	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	30
3	Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	27
4	Nonane, 2-methyl-5-propyl-	184	C13H28	031081-17-1	27
5	Tridecane	184	C13H28	000629-50-5	27





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022619\
Data File : BM018944.D
Acq On : 27 Feb 2019 00:03
Operator : JU/SJ
Sample : K1356-11 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SU-02-022219-B

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

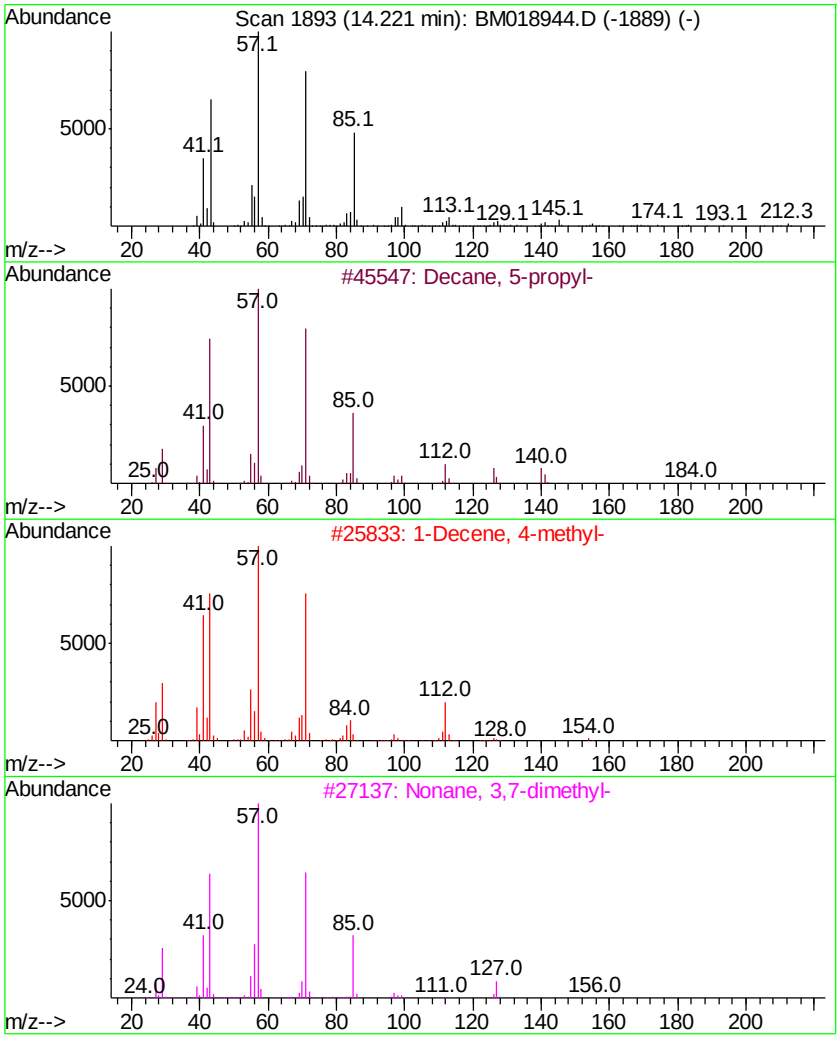
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****

Peak Number 6 Decane, 5-propyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.22	10.50 ng	1548280	Acenaphthene-d10	14.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 5-propyl-	184	C13H28	017312-62-8	86
2	1-Decene, 4-methyl-	154	C11H22	013151-29-6	64
3	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	64
4	Nonadecane	268	C19H40	000629-92-5	58
5	Eicosane	282	C20H42	000112-95-8	52



m/z 57.10 100.00%
m/z 71.10 79.87%
m/z 43.10 65.00%
m/z 85.10 48.08%
m/z 41.10 34.91%

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022619\
Data File : BM018944.D
Acq On : 27 Feb 2019 00:03
Operator : JU/SJ
Sample : K1356-11 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SU-02-022219-B

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

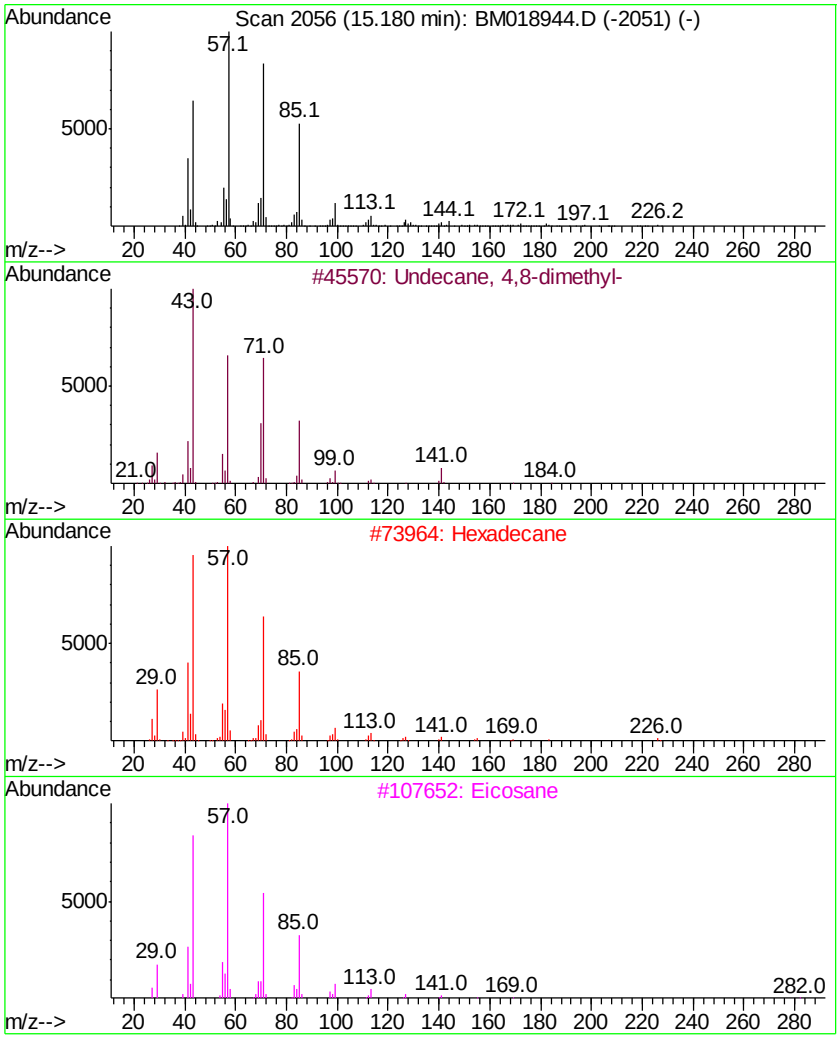
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

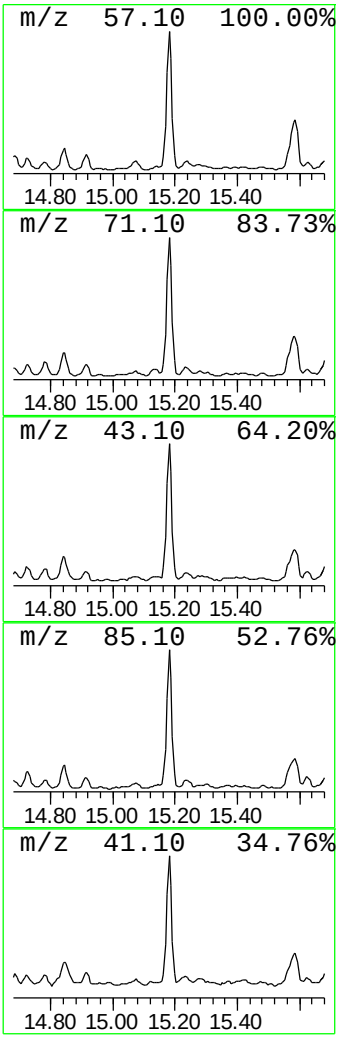
****

Peak Number 7 Undecane, 4,8-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.18	10.91 ng	1608680	Acenaphthene-d10	14.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 4,8-dimethyl-	184	C13H28	017301-33-6	78
2	Hexadecane	226	C16H34	000544-76-3	60
3	Eicosane	282	C20H42	000112-95-8	58
4	Tetradecane	198	C14H30	000629-59-4	58
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	49





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022619\
Data File : BM018944.D
Acq On : 27 Feb 2019 00:03
Operator : JU/SJ
Sample : K1356-11 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SU-02-022219-B

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

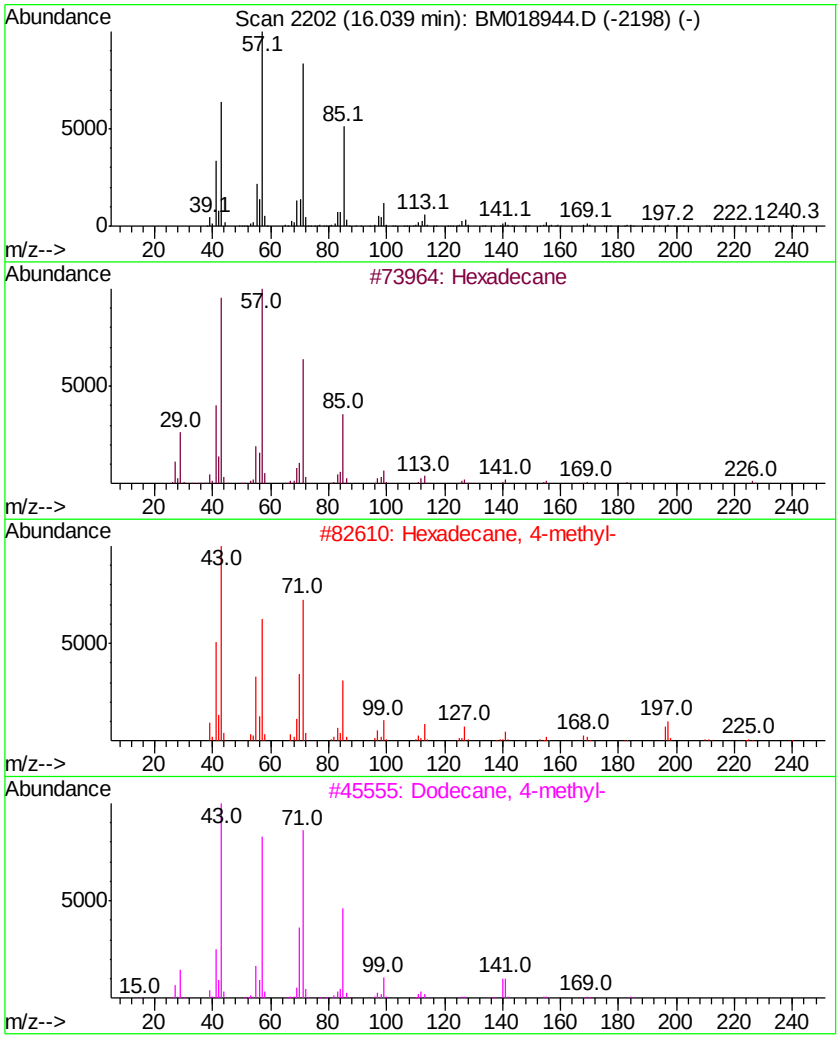
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

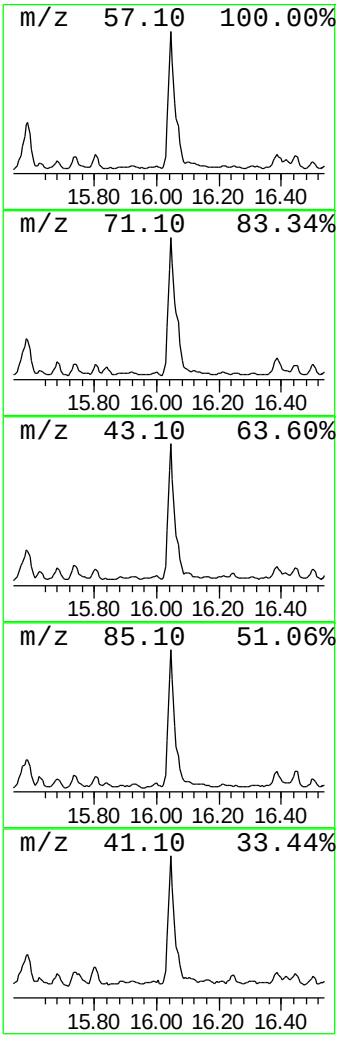
****

Peak Number 8 Hexadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.04	14.98 ng	2366890	Phenanthrene-d10	17.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	Hexadecane, 4-methyl-	240	C17H36	025117-26-4	87
3	Dodecane, 4-methyl-	184	C13H28	006117-97-1	86
4	Hexadecane, 7-methyl-	240	C17H36	026730-20-1	81
5	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	80





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022619\
Data File : BM018944.D
Acq On : 27 Feb 2019 00:03
Operator : JU/SJ
Sample : K1356-11 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SU-02-022219-B

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

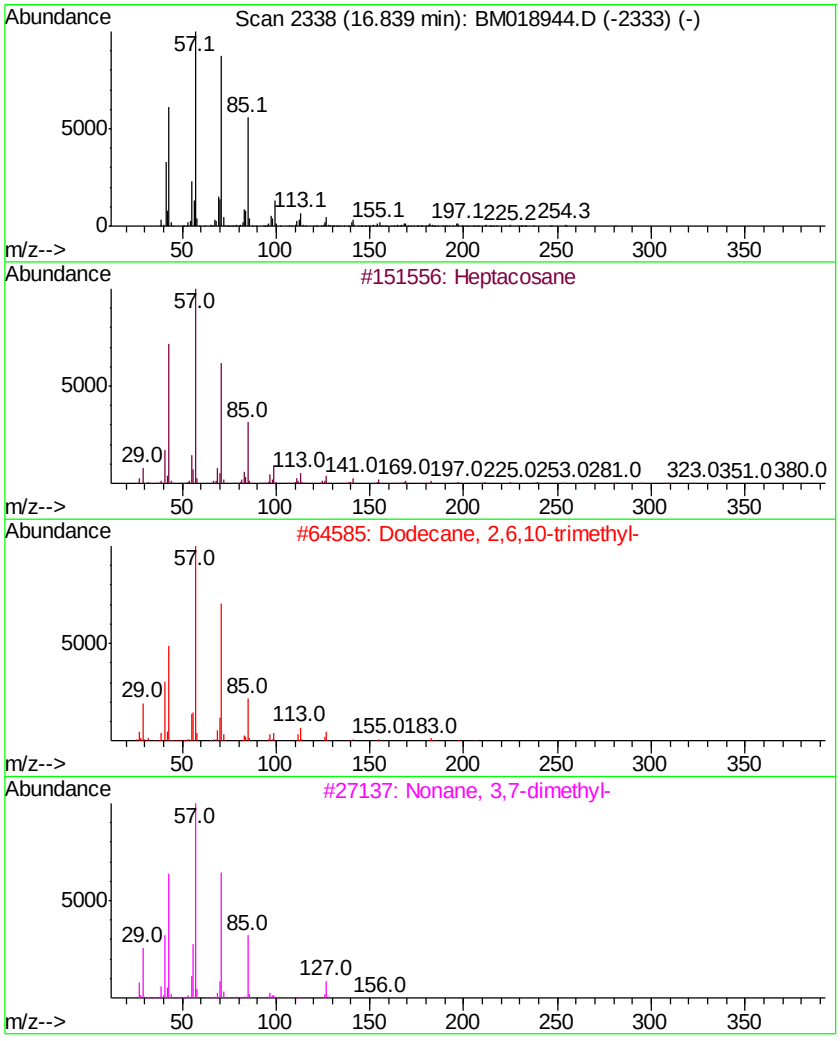
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

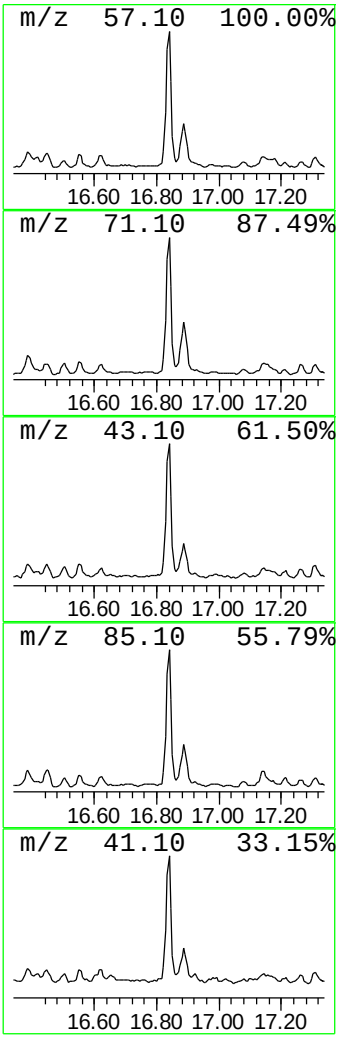
****

Peak Number 9 Heptacosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.84	9.22 ng	1456990	Phenanthrene-d10	17.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	80
2	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	64
3	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	64
4	Decane, 1-iodo-	268	C10H21I	002050-77-3	50
5	Octacosane	394	C28H58	000630-02-4	49





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022619\
Data File : BM018944.D
Acq On : 27 Feb 2019 00:03
Operator : JU/SJ
Sample : K1356-11 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SU-02-022219-B

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

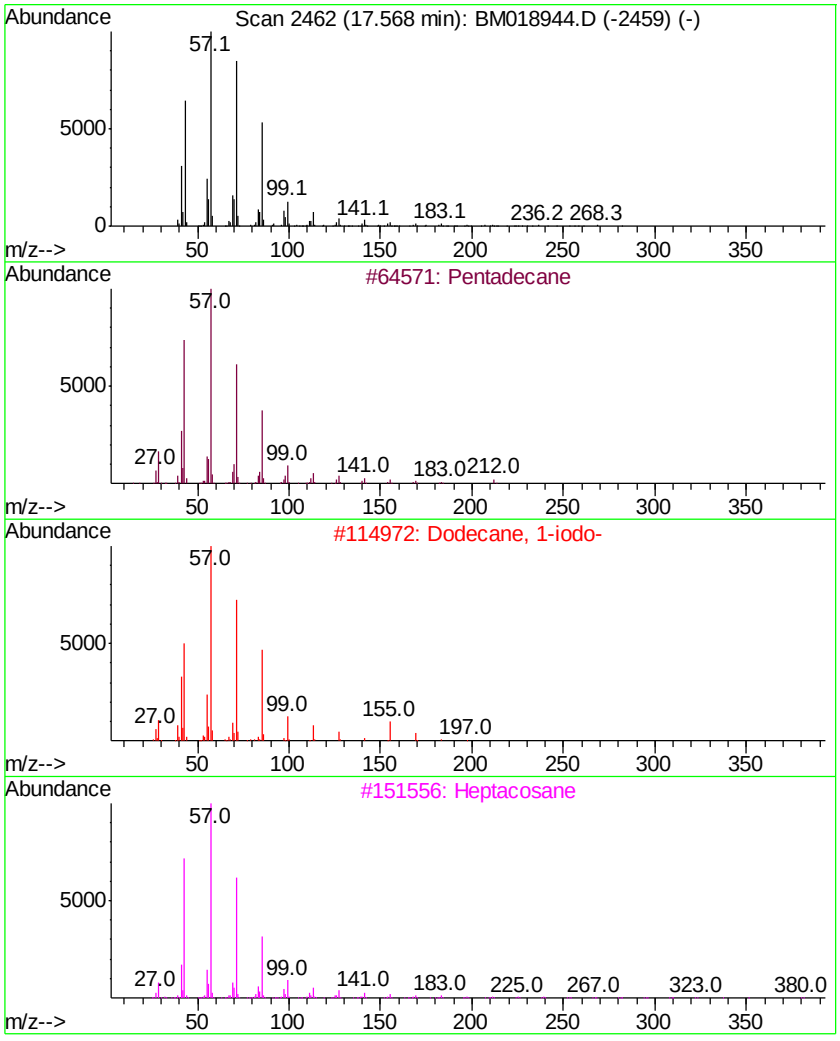
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

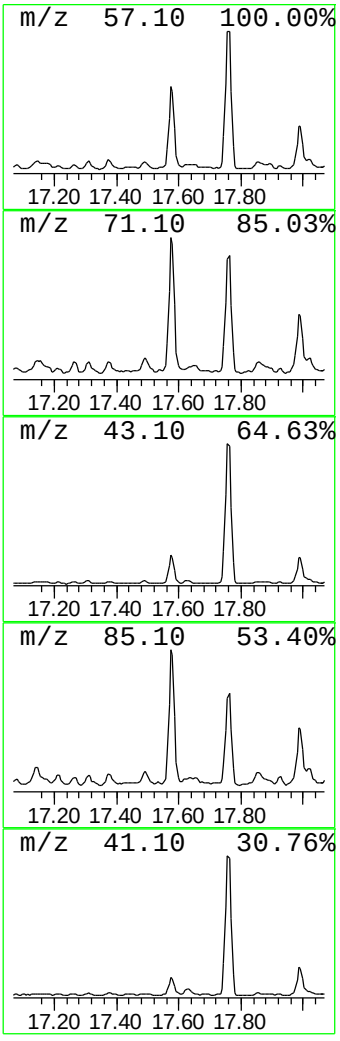
****

Peak Number 10 Pentadecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.57	8.09 ng	1278470	Phenanthrene-d10	17.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	90
2	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86
3	Heptacosane	380	C27H56	000593-49-7	83
4	Nonadecane	268	C19H40	000629-92-5	64
5	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	58





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022619\
Data File : BM018944.D
Acq On : 27 Feb 2019 00:03
Operator : JU/SJ
Sample : K1356-11 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SU-02-022219-B

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

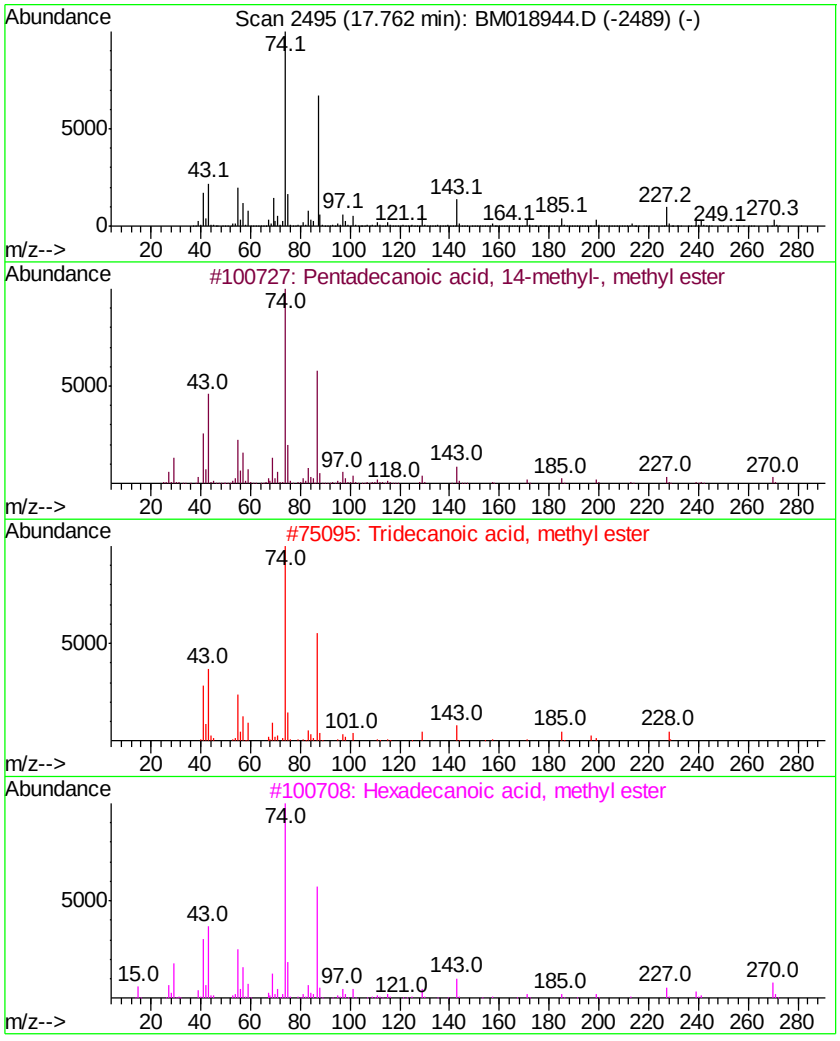
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

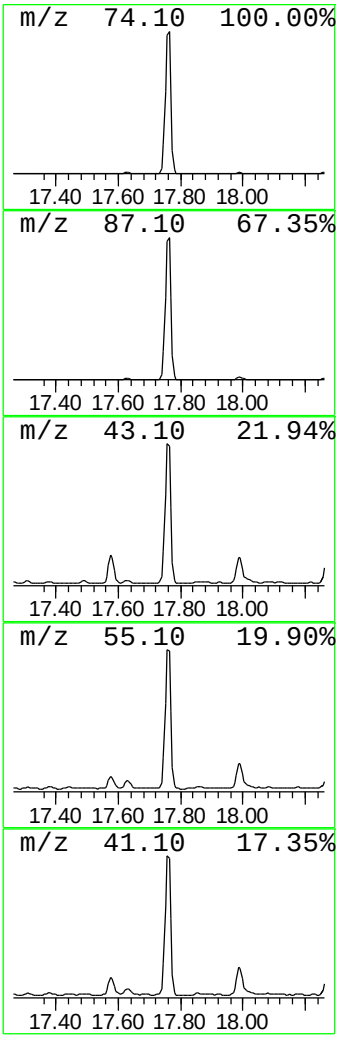
****

Peak Number 11 Pentadecanoic acid, 14-meth... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.76	94.77 ng	14971500	Phenanthrene-d10	17.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	95
2	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	93
3	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	91
4	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86
5	Dodecanoic acid, methyl ester	214	C13H26O2	000111-82-0	83





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022619\
Data File : BM018944.D
Acq On : 27 Feb 2019 00:03
Operator : JU/SJ
Sample : K1356-11 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SU-02-022219-B

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

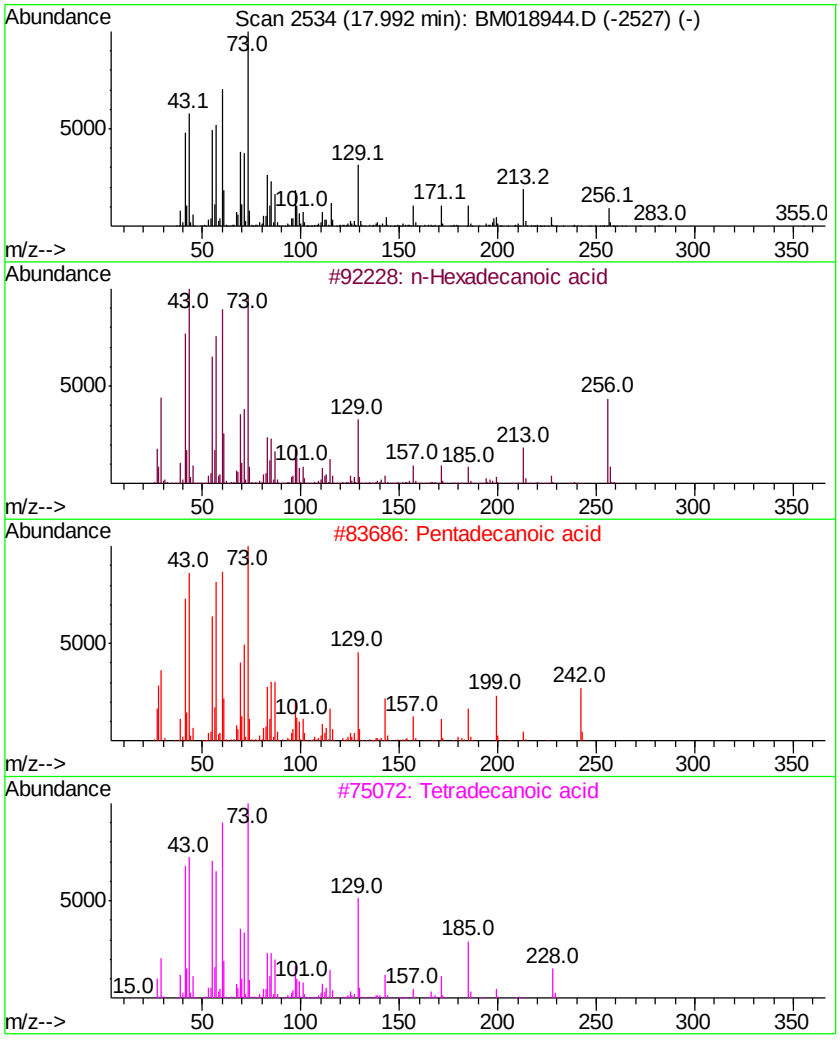
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

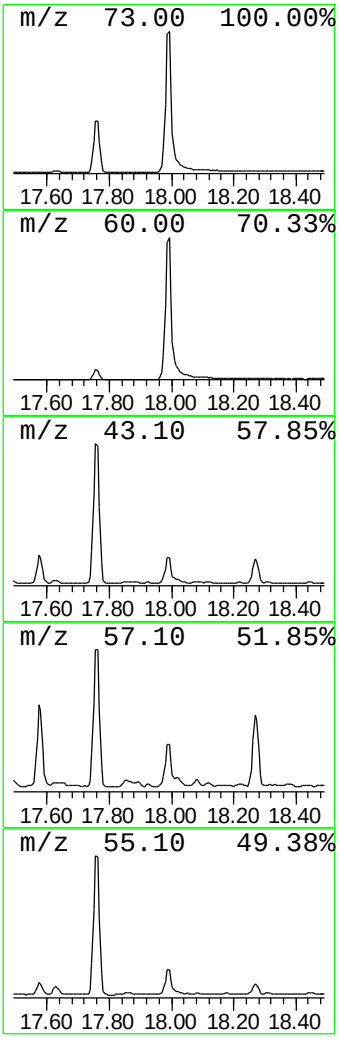
****

Peak Number 12 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.99	17.22 ng	2720220	Phenanthrene-d10	17.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	64
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	59
4	Tridecanoic acid	214	C13H26O2	000638-53-9	58
5	n-Decanoic acid	172	C10H20O2	000334-48-5	38





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022619\
Data File : BM018944.D
Acq On : 27 Feb 2019 00:03
Operator : JU/SJ
Sample : K1356-11 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SU-02-022219-B

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

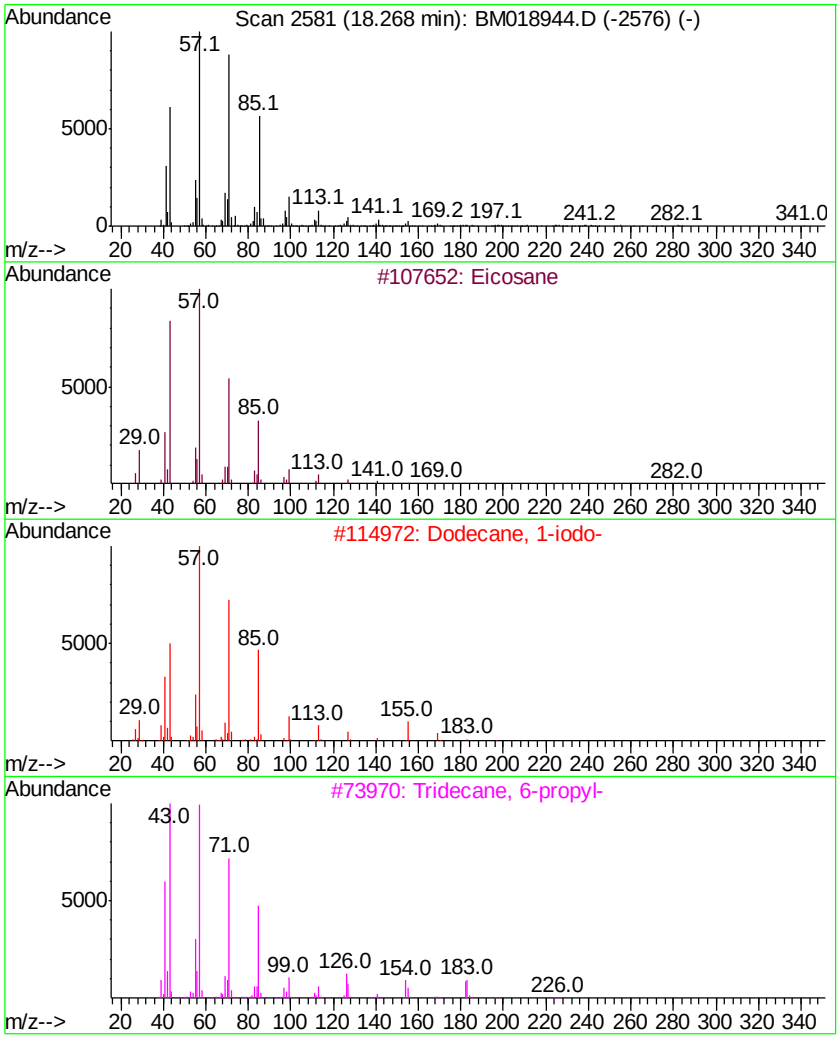
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

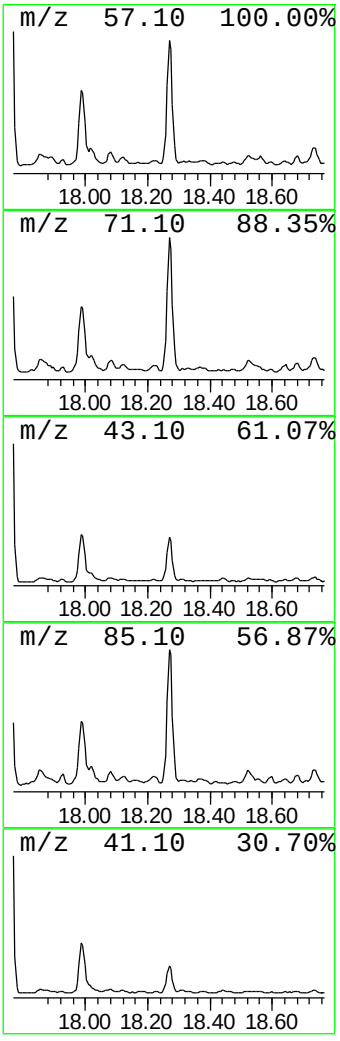
****

Peak Number 13 Eicosane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.27	8.47 ng	1337810	Phenanthrene-d10	17.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	90
2	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86
3	Tridecane, 6-propyl-	226	C16H34	055045-10-8	83
4	Hexadecane	226	C16H34	000544-76-3	81
5	Tridecane, 4-methyl-	198	C14H30	026730-12-1	72





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022619\
Data File : BM018944.D
Acq On : 27 Feb 2019 00:03
Operator : JU/SJ
Sample : K1356-11 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SU-02-022219-B

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

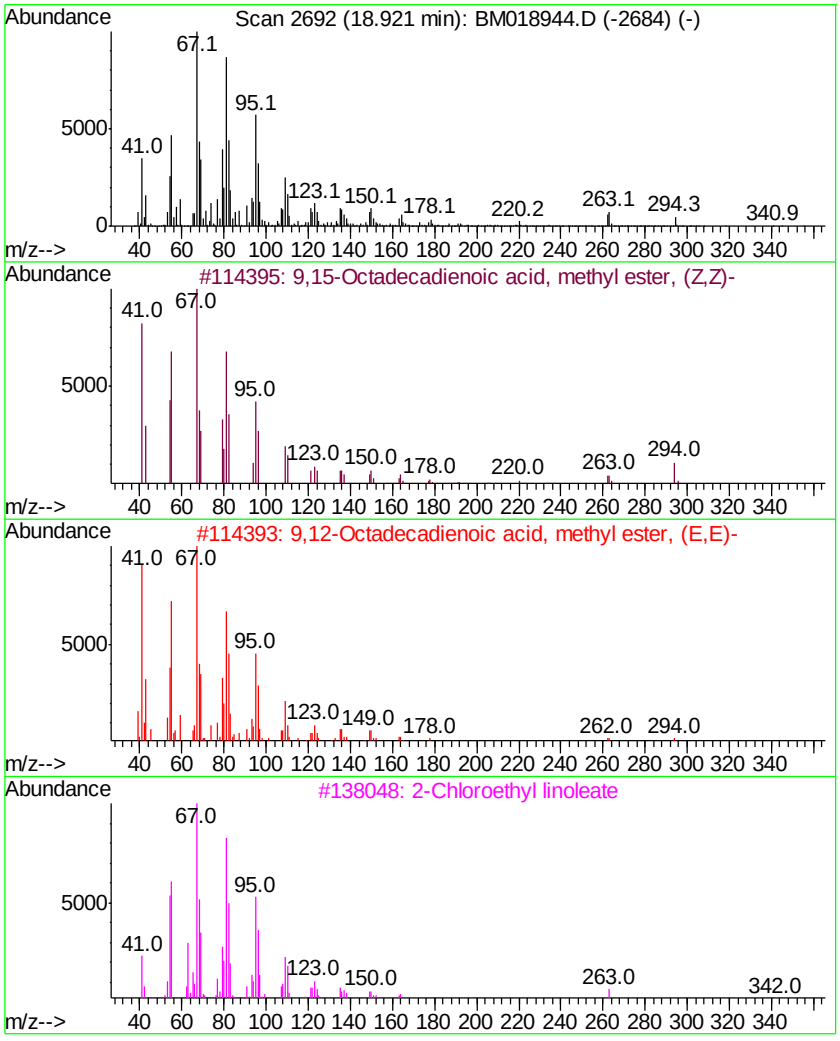
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

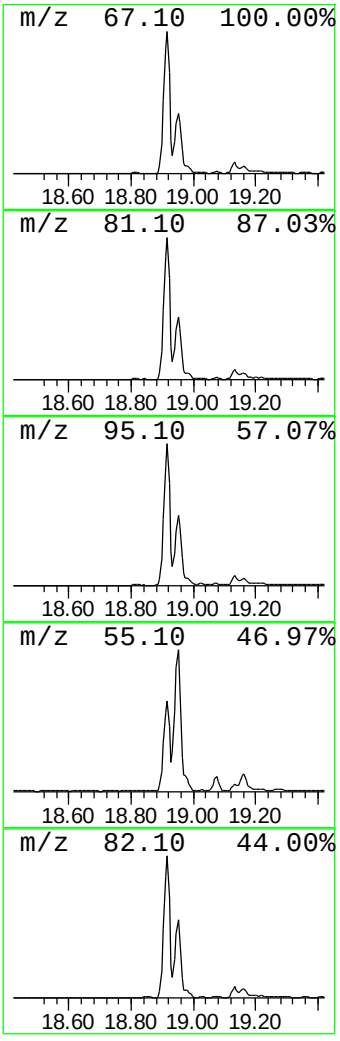
****

Peak Number 14 9,15-Octadecadienoic acid, ... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.92	314.47 ng	49681000	Phenanthrene-d10	17.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
2	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
3	2-Chloroethyl linoleate	342	C20H35ClO2	025525-76-2	93
4	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	89
5	9,11-Octadecadienoic acid, methy...	294	C19H34O2	013038-47-6	83





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022619\
Data File : BM018944.D
Acq On : 27 Feb 2019 00:03
Operator : JU/SJ
Sample : K1356-11 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SU-02-022219-B

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

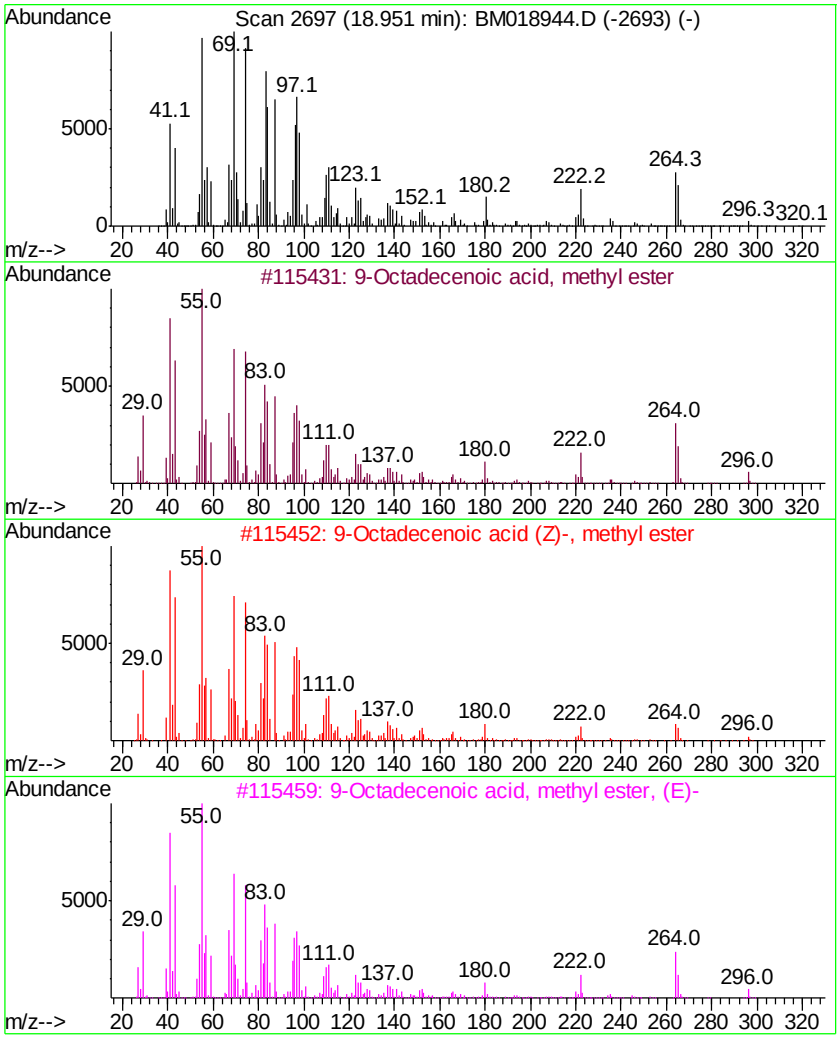
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

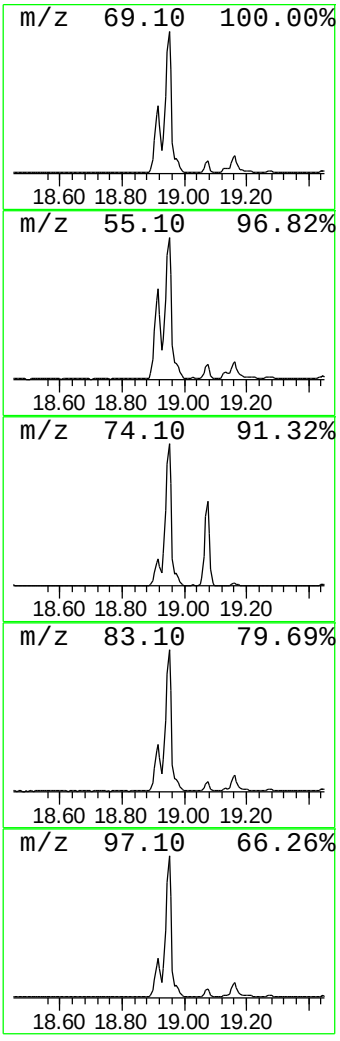
****

Peak Number 15 9-Octadecenoic acid, methyl... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.95	422.40 ng	66731400	Phenanthrene-d10	17.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid, methyl ester	296	C19H36O2	002462-84-2	99
2	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	98
3	9-Octadecenoic acid, methyl este...	296	C19H36O2	001937-62-8	98
4	8-Octadecenoic acid, methyl ester	296	C19H36O2	002345-29-1	97
5	10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	97





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022619\
Data File : BM018944.D
Acq On : 27 Feb 2019 00:03
Operator : JU/SJ
Sample : K1356-11 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SU-02-022219-B

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

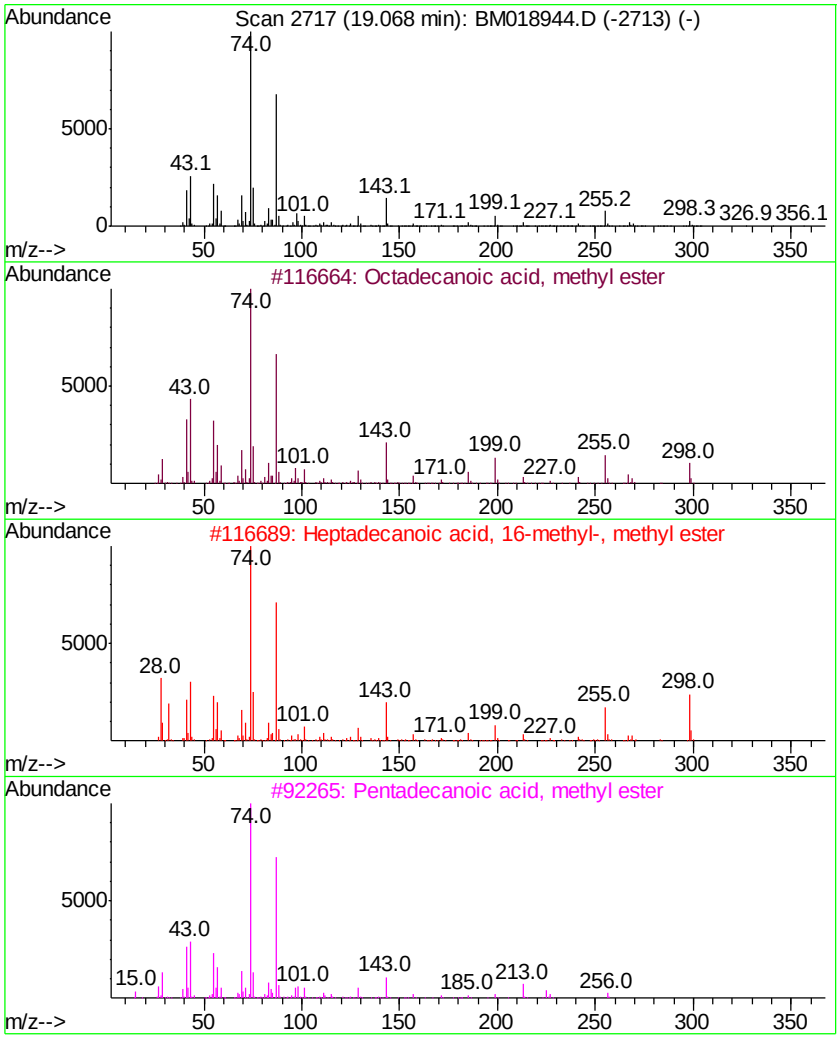
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

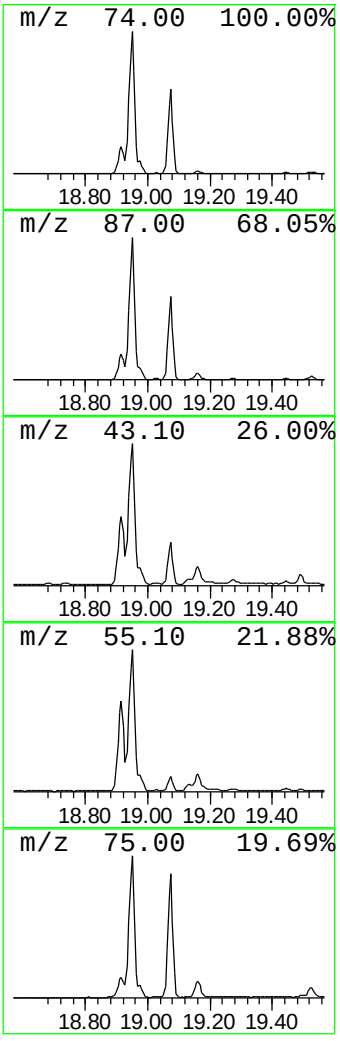
****

Peak Number 16 Octadecanoic acid, methyl e... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.07	43.61 ng	6888810	Phenanthrene-d10	17.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid, methyl ester	298	C19H38O2	000112-61-8	97
2	Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	95
3	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	93
4	Heptadecanoic acid, 15-methyl-, ...	298	C19H38O2	054833-55-5	90
5	Methyl tetradecanoate	242	C15H30O2	000124-10-7	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022619\
Data File : BM018944.D
Acq On : 27 Feb 2019 00:03
Operator : JU/SJ
Sample : K1356-11 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SU-02-022219-B

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

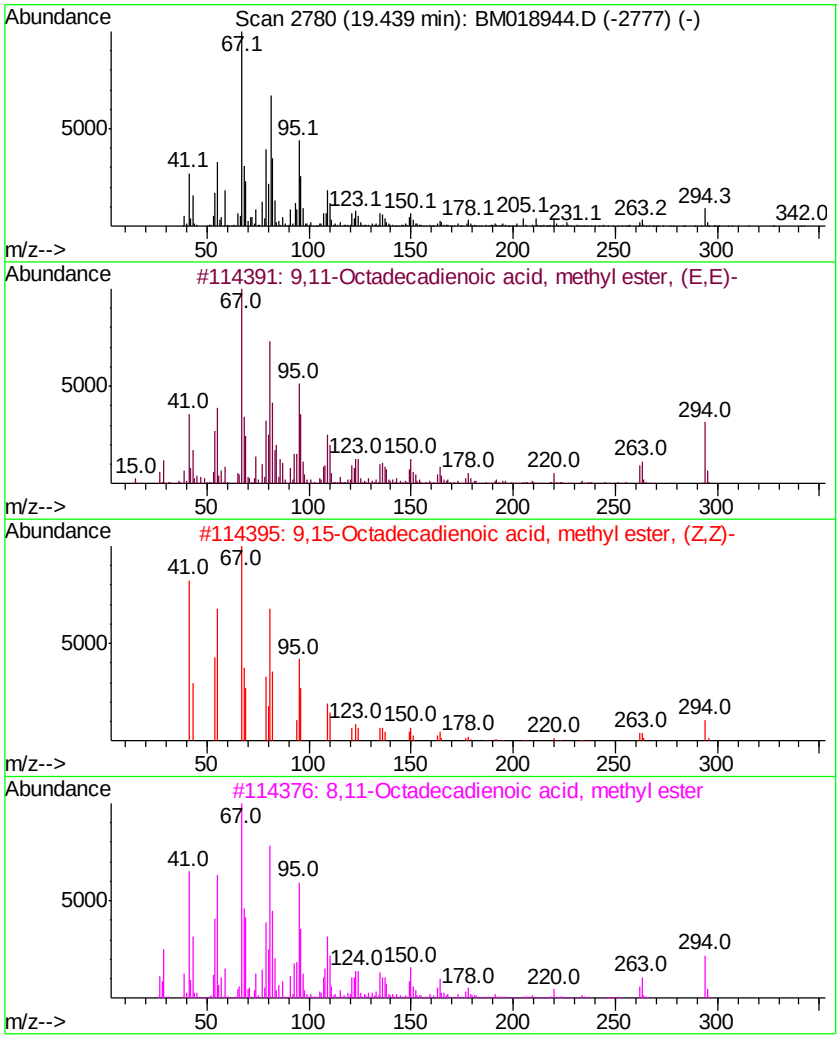
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

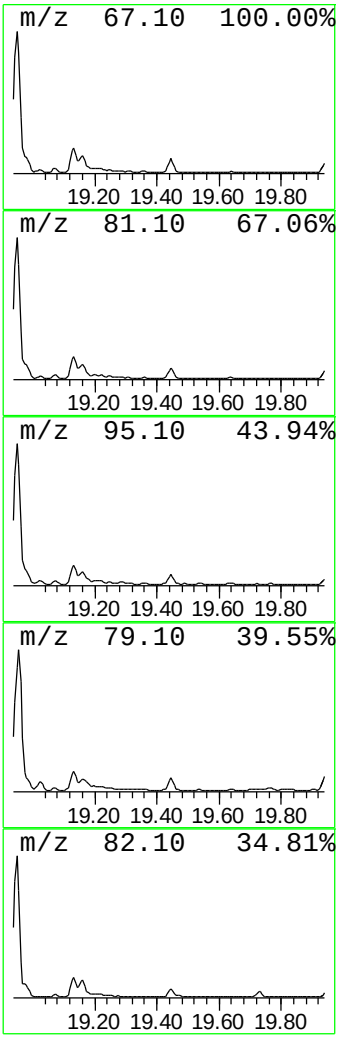
****

Peak Number 17 9,11-Octadecadienoic acid, ... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.44	5.01 ng	1583620	Chrysene-d12	21.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,11-Octadecadienoic acid, methy...	294	C19H34O2	013038-47-6	94
2	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	91
3	8,11-Octadecadienoic acid, methy...	294	C19H34O2	056599-58-7	89
4	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	87
5	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	81





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022619\
Data File : BM018944.D
Acq On : 27 Feb 2019 00:03
Operator : JU/SJ
Sample : K1356-11 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SU-02-022219-B

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

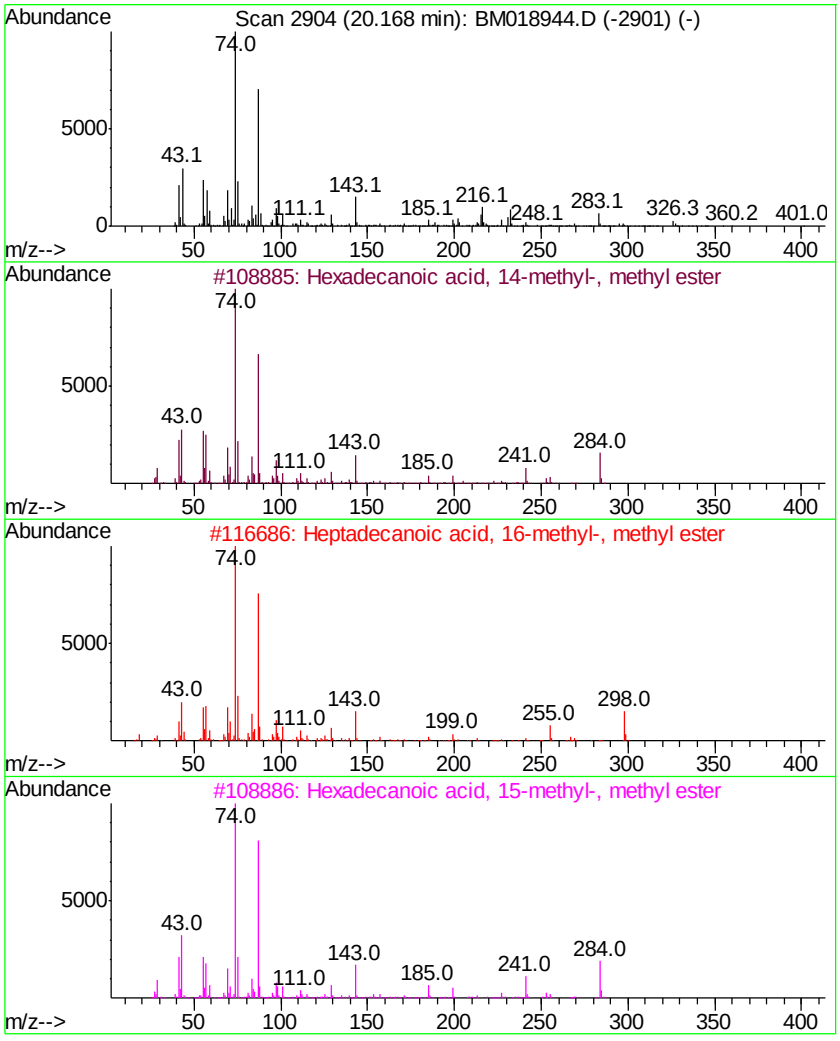
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

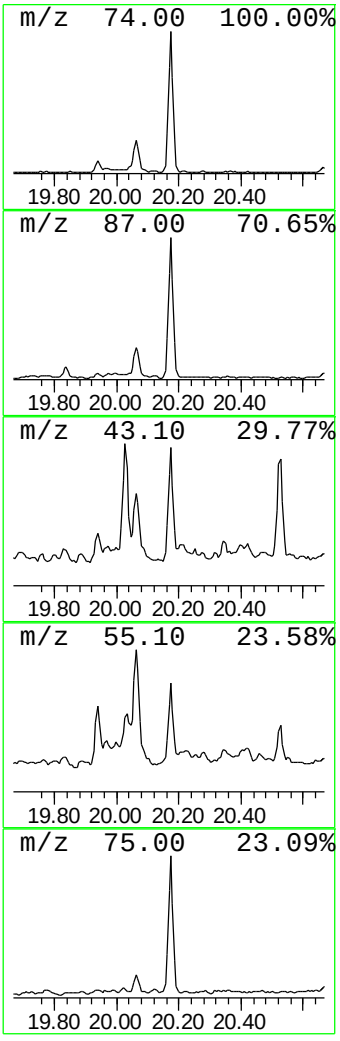
****

Peak Number 18 Hexadecanoic acid, 14-methy... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.17	5.49 ng	1736600	Chrysene-d12	21.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, 14-methyl-, m...	284	C18H36O2	002490-49-5	98
2	Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	97
3	Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	97
4	Eicosanoic acid, methyl ester	326	C21H42O2	001120-28-1	96
5	Heptadecanoic acid, methyl ester	284	C18H36O2	001731-92-6	96





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022619\
Data File : BM018944.D
Acq On : 27 Feb 2019 00:03
Operator : JU/SJ
Sample : K1356-11 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SU-02-022219-B

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

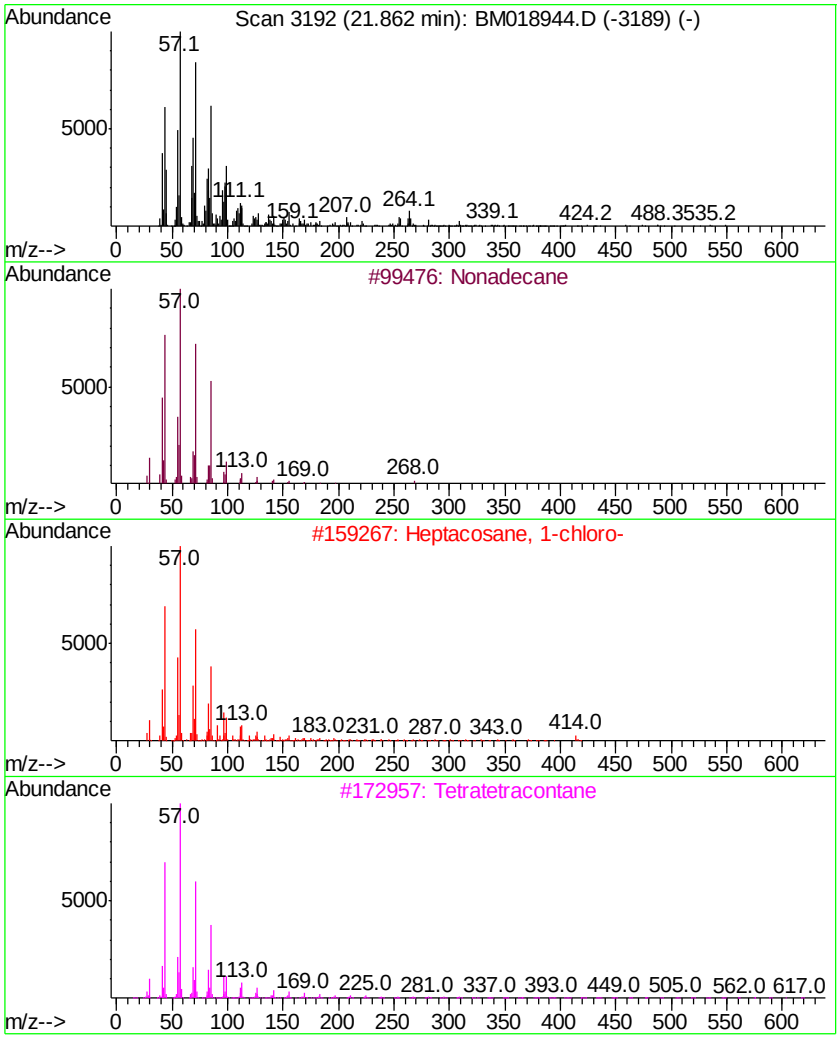
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

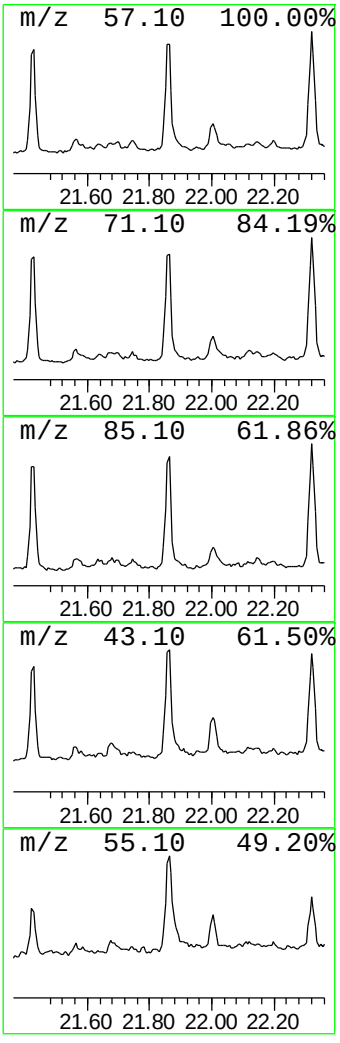
****

Peak Number 19 Nonadecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.86	6.49 ng	2052640	Chrysene-d12	21.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	93
2	Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	72
3	Tetratetracontane	619	C44H90	007098-22-8	72
4	Tetratriacontane	479	C34H70	014167-59-0	64
5	Triacontane, 1-bromo-	500	C30H61Br	004209-22-7	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022619\
Data File : BM018944.D
Acq On : 27 Feb 2019 00:03
Operator : JU/SJ
Sample : K1356-11 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SU-02-022219-B

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

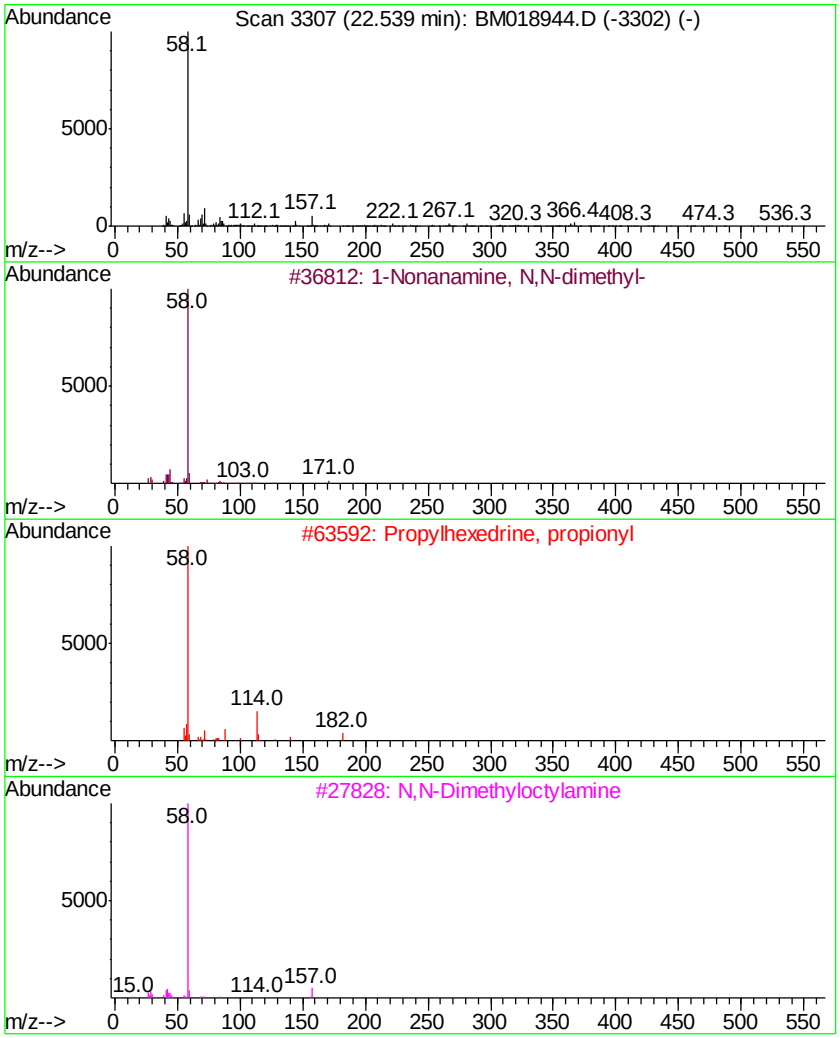
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

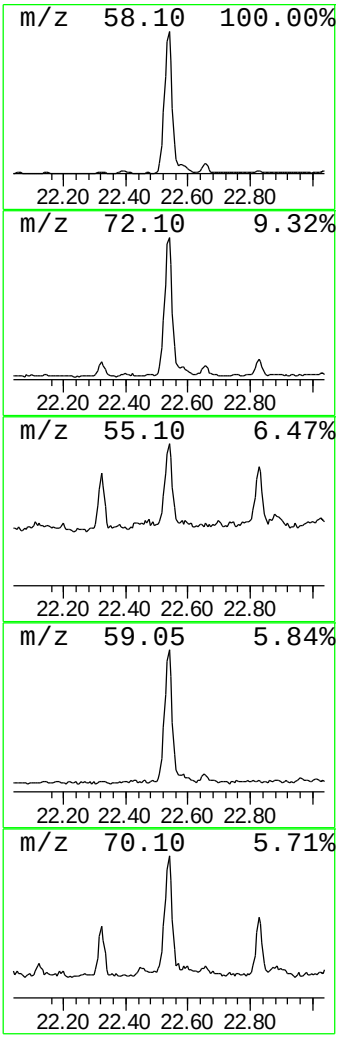
****

Peak Number 20 1-Nonanamine, N,N-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.54	14.08 ng	2381380	Perylene-d12	23.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonanamine, N,N-dimethyl-	171	C11H25N	017373-27-2	64
2	Propylhexedrine, propionyl	211	C13H25NO	1000123-85-9	64
3	N,N-Dimethyloctylamine	157	C10H23N	007378-99-6	64
4	3-(Dimethylamino)propyl isothioc...	144	C6H12N2S	027421-70-1	56
5	Benzamide, 5-bromo-2-hydroxy-N-(...	300	C12H17BrN2O2	289660-53-3	56





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM022619\
Data File : BM018944.D
Acq On : 27 Feb 2019 00:03
Operator : JU/SJ
Sample : K1356-11 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SU-02-022219-B

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown7.23	7.23	40.1	ng	4058120	1	7.69	2023760	20.0
Dodecane, 2-methyl-	11.88	7.5	ng	873079	2	10.48	2330700	20.0
Decane, 2,3,5-tri...	13.14	8.8	ng	1299340	3	14.35	2949600	20.0
unknown13.80	13.80	5.2	ng	761469	3	14.35	2949600	20.0
Decane, 5-propyl-	14.22	10.5	ng	1548280	3	14.35	2949600	20.0
Undecane, 4,8-dim...	15.18	10.9	ng	1608680	3	14.35	2949600	20.0
Hexadecane	16.04	15.0	ng	2366890	4	17.10	3159620	20.0
Heptacosane	16.84	9.2	ng	1456990	4	17.10	3159620	20.0
Pentadecane	17.57	8.1	ng	1278470	4	17.10	3159620	20.0
Pentadecanoic aci...	17.76	94.8	ng	14971500	4	17.10	3159620	20.0
n-Hexadecanoic acid	17.99	17.2	ng	2720220	4	17.10	3159620	20.0
Eicosane	18.27	8.5	ng	1337810	4	17.10	3159620	20.0
9,15-Octadecadien...	18.92	314.5	ng	49681000	4	17.10	3159620	20.0
9-Octadecenoic ac...	18.95	422.4	ng	66731400	4	17.10	3159620	20.0
Octadecanoic acid...	19.07	43.6	ng	6888810	4	17.10	3159620	20.0
9,11-Octadecadien...	19.44	5.0	ng	1583620	5	21.29	6326790	20.0
Hexadecanoic acid...	20.17	5.5	ng	1736600	5	21.29	6326790	20.0
Nonadecane	21.86	6.5	ng	2052640	5	21.29	6326790	20.0
1-Nonanamine, N,N...	22.54	14.1	ng	2381380	6	23.54	3381480	20.0