LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011317\
Data File : BF092270.D
Acq On : 14 Jan 2017 4:30
Operator : UM/SJ
Sample : I1147-04
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TOD-SB-101-0-2

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-BF122116.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	1.913	9	11	31	rVB	34081	211699	4.59%	0.435%
2	4.701	252	255	266	rVB	1403246	2204002	47.80%	4.532%
3	5.170	294	296	309	rBV	3704234	4283578	92.91%	8.809%
4	6.244	387	390	397	rBV	4151429	4610695	100.00%	9.481%
5	6.347	397	399	402	rVB	4535339	4225164	91.64%	8.688%
6	6.576	417	419	421	rBV	1091025	1029409	22.33%	2.117%
7	6.736	430	433	435	rBV	2269338	3176595	68.90%	6.532%
8	7.147	466	469	471	rBV	3001970	2860180	62.03%	5.882%
9	7.856	529	531	534	rBV	1091989	1437574	31.18%	2.956%
10	8.942	623	626	629	rBV	4299403	3906996	84.74%	8.034%
11	9.342	659	661	663	rBV	671276	563750	12.23%	1.159%
12	9.559	678	680	682	rBV	58057	55217	1.20%	0.114%
13	9.605	682	684	686	rVV	1063756	1300026	28.20%	2.673%
14	9.639	686	687	690	rVB	165654	143624	3.12%	0.295%
15	9.811	700	702	704	rVB	43747	59672	1.29%	0.123%
16	10.062	722	724	725	rVB	91819	79176	1.72%	0.163%
17	10.153	730	732	735	rVB	93768	88768	1.93%	0.183%
18	10.279	741	743	745	rBV2	37567	50730	1.10%	0.104%
19	10.393	751	753	756	rBV2	1380210	1919488	41.63%	3.947%
20	10.531	763	765	768	rBV	130173	154644	3.35%	0.318%
21	10.976	802	804	806	rBV2	125985	129124	2.80%	0.266%
22	11.091	811	814	818	rBV2	735535	1546325	33.54%	3.180%
23	11.159	818	820	822	rVB	218688	206883	4.49%	0.425%
24	11.331	832	835	838	rBV2	57327	107176	2.32%	0.220%
25	11.399	839	841	846	rVB	89922	103542	2.25%	0.213%
26	11.582	852	857	859	rBV	77831	148035	3.21%	0.304%
27	11.616	859	860	861	rVV	116604	97243	2.11%	0.200%
28	11.639	861	862	865	rVV2	215083	273149	5.92%	0.562%
29	11.696	865	867	872	rVB2	164806	243956	5.29%	0.502%
30	11.799	872	876	880	rBV4	27419	93042	2.02%	0.191%
31	11.879	881	883	885	rBV	53675	58977	1.28%	0.121%
32	12.131	903	905	907	rBV	52258	79318	1.72%	0.163%
33	12.222	911	913	917	rVB	50168	60116	1.30%	0.124%
34	12.291	917	919	921	rBV	1066935	944398	20.48%	1.942%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011317\
Data File : BF092270.D
Acq On : 14 Jan 2017 4:30
Operator : UM/SJ
Sample : I1147-04
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TOD-SB-101-0-2

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-BF122116.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.359	921	925	926	rBV3	30243	60424	1.31%	0.124%
36	12.428	929	931	936	rBV3	83621	200357	4.35%	0.412%
37	12.519	936	939	941	rVV	833217	965190	20.93%	1.985%
38	12.565	941	943	948	rVB3	42350	76416	1.66%	0.157%
39	12.668	950	952	955	rVB	2238681	2537078	55.03%	5.217%
40	12.748	955	959	960	rBV2	56088	89088	1.93%	0.183%
41	12.851	964	968	970	rVB	140500	203121	4.41%	0.418%
42	12.919	970	974	975	rBV	96175	160881	3.49%	0.331%
43	12.954	975	977	981	rBV2	101473	153731	3.33%	0.316%
44	13.045	983	985	986	rBV	49662	52374	1.14%	0.108%
45	13.068	986	987	989	rBV	42337	57224	1.24%	0.118%
46	13.354	1011	1012	1016	rVB	57400	88162	1.91%	0.181%
47	13.468	1019	1022	1023	rBV	75576	136631	2.96%	0.281%
48	13.582	1029	1032	1035	rBV2	190820	300405	6.52%	0.618%
49	13.708	1040	1043	1048	rVV2	1020272	1923034	41.71%	3.954%
50	13.811	1050	1052	1054	rBV2	77501	113367	2.46%	0.233%
51	14.062	1073	1074	1075	rBV	54653	53982	1.17%	0.111%
52	14.097	1075	1077	1079	rVV	67289	107257	2.33%	0.221%
53	14.222	1085	1088	1092	rVB3	100464	224805	4.88%	0.462%
54	14.702	1128	1130	1135	rBV	349355	744046	16.14%	1.530%
55	14.794	1135	1138	1140	rBV2	445687	553814	12.01%	1.139%
56	14.965	1151	1153	1155	rVB	202445	225719	4.90%	0.464%
57	15.011	1155	1157	1160	rVV	251973	384133	8.33%	0.790%
58	15.068	1160	1162	1170	rVB	581397	915769	19.86%	1.883%
59	15.320	1183	1184	1185	rBV	78844	65606	1.42%	0.135%
60	15.468	1194	1197	1200	rBV	462289	739713	16.04%	1.521%
61	15.640	1210	1212	1219	rVB5	106980	257461	5.58%	0.529%
62	15.994	1241	1243	1252	rVB2	99421	253632	5.50%	0.522%
63	16.303	1268	1270	1273	rVB	122388	207123	4.49%	0.426%
64	16.668	1300	1302	1306	rVB	83481	151736	3.29%	0.312%
65	18.314	1444	1446	1449	rBV3	74367	114275	2.48%	0.235%
66	19.514	1549	1551	1553	rVB2	69662	61126	1.33%	0.126%

Sum of corrected areas: 48629951

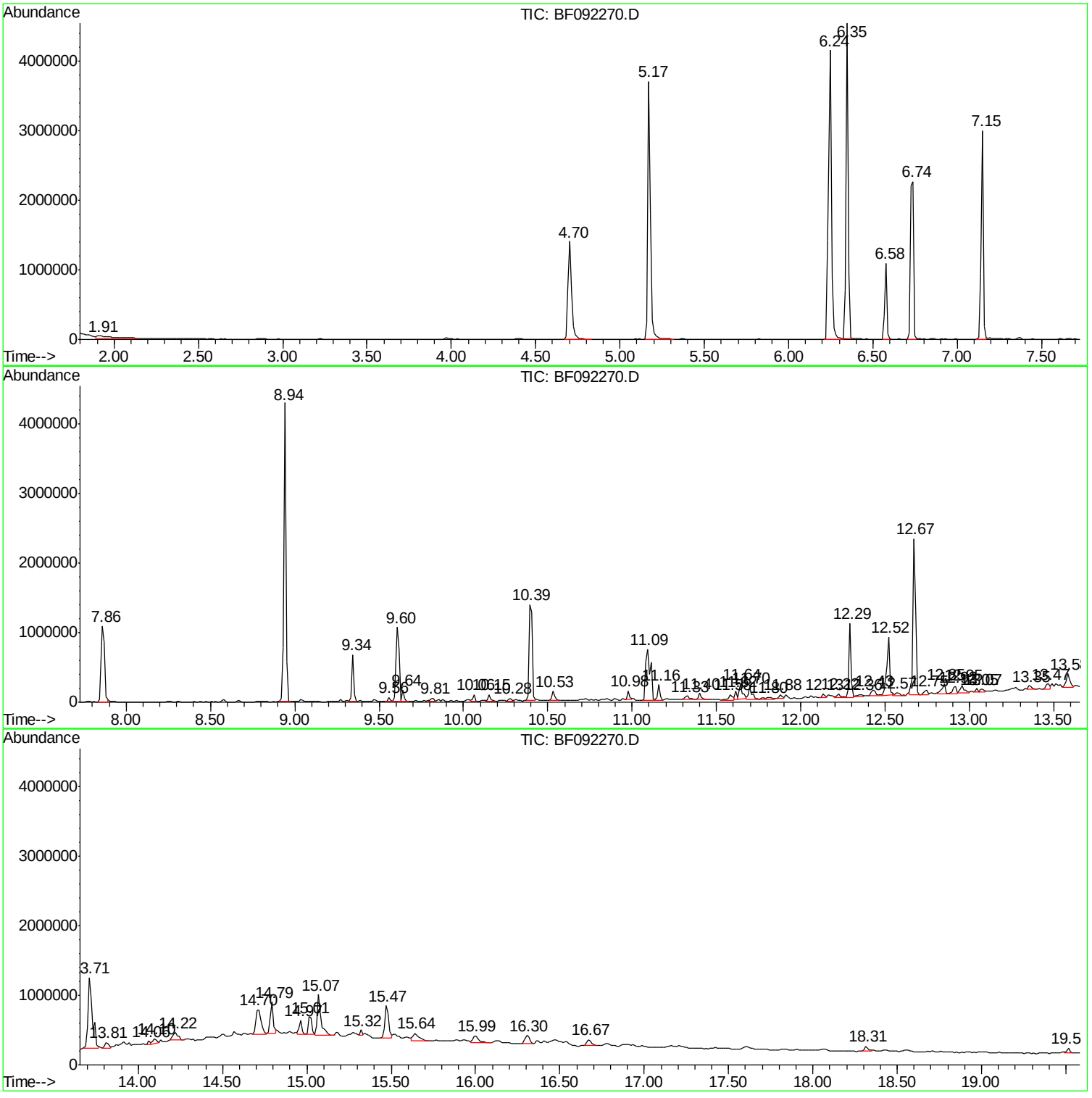
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011317\
Data File : BF092270.D
Acq On : 14 Jan 2017 4:30
Operator : UM/SJ
Sample : I1147-04
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TOD-SB-101-0-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA F\DATA\BF011317\
Data File : BF092270.D
Acq On : 14 Jan 2017 4:30
Operator : UM/SJ
Sample : I1147-04
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TOD-SB-101-0-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

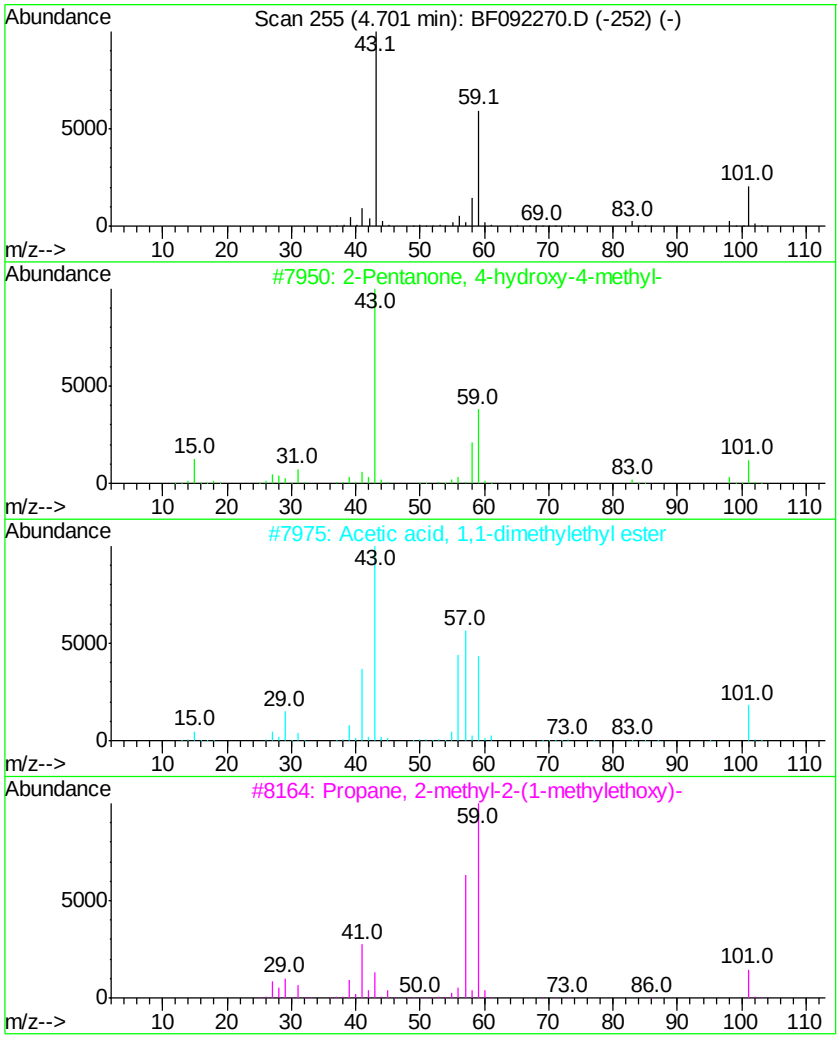
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

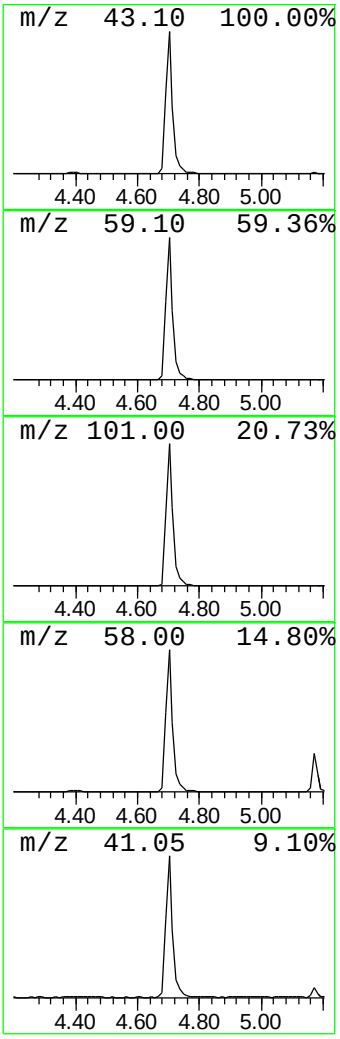
****

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.70	42.82 ng	2204000	1,4-Dichlorobenzene-d4	6.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	28
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF011317\
Data File : BF092270.D
Acq On : 14 Jan 2017 4:30
Operator : UM/SJ
Sample : I1147-04
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TOD-SB-101-0-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

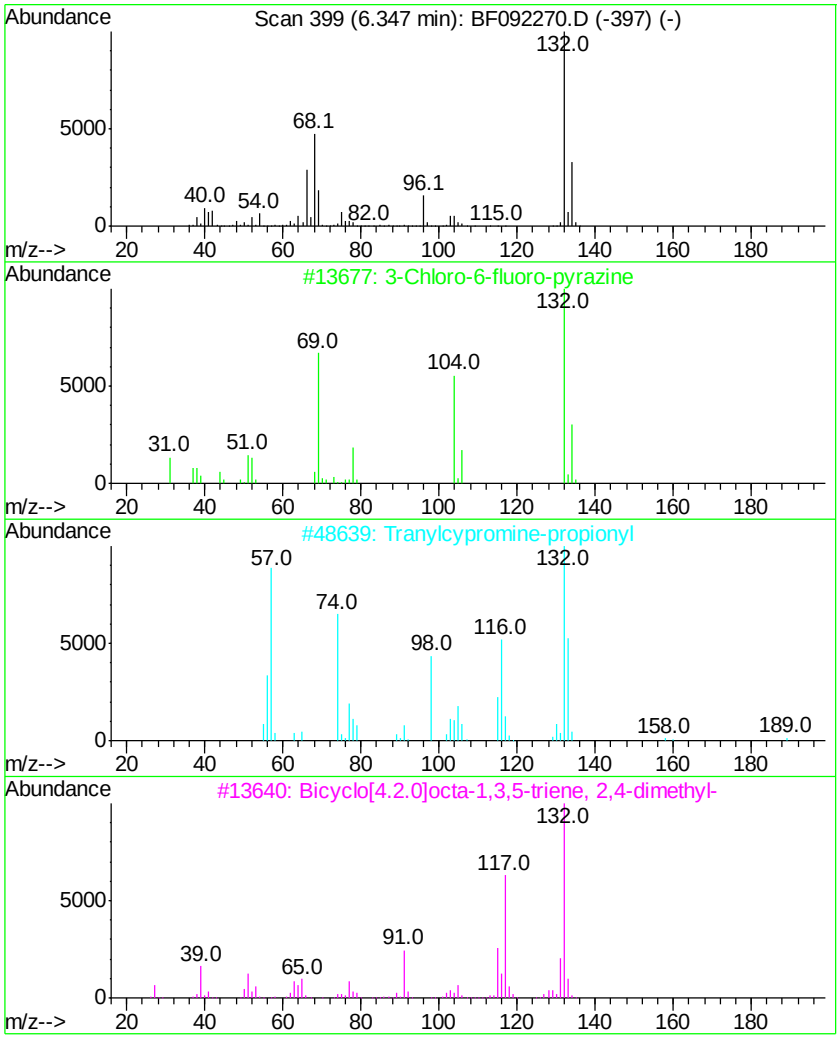
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

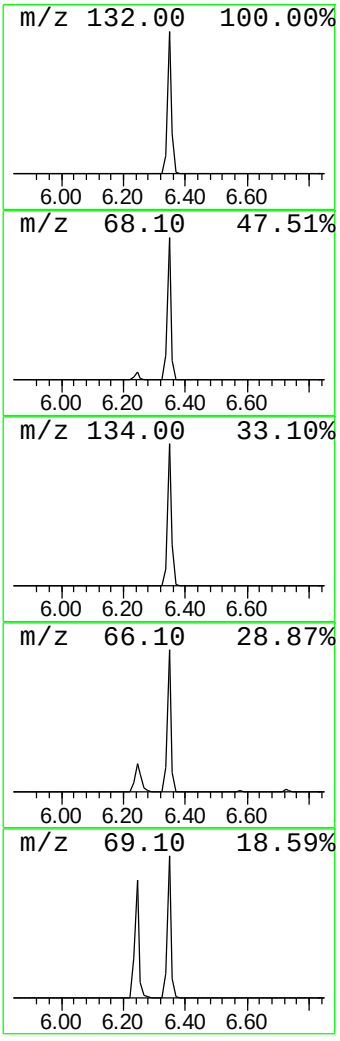
****

Peak Number 3 unknown6.35 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.35	82.09 ng	4225160	1,4-Dichlorobenzene-d4	6.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9
5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF011317\
Data File : BF092270.D
Acq On : 14 Jan 2017 4:30
Operator : UM/SJ
Sample : I1147-04
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TOD-SB-101-0-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

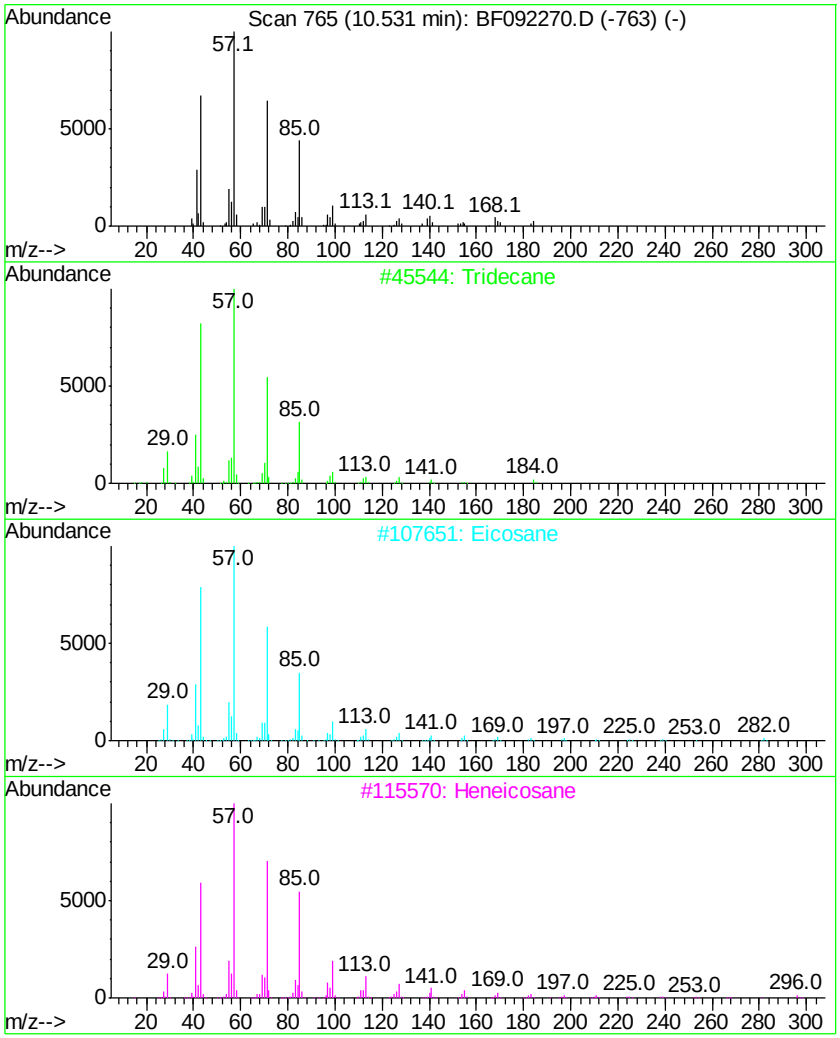
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

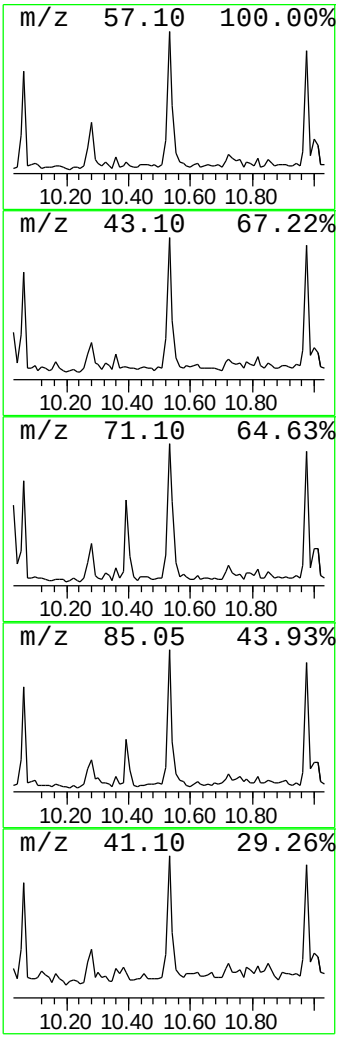
****

Peak Number 5 Tridecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.53	2.00 ng	154644	Phenanthrene-d10	11.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	91
2	Eicosane	282	C20H42	000112-95-8	83
3	Heneicosane	296	C21H44	000629-94-7	80
4	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	80
5	Heptacosane	380	C27H56	000593-49-7	80





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011317\
Data File : BF092270.D
Acq On : 14 Jan 2017 4:30
Operator : UM/SJ
Sample : I1147-04
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TOD-SB-101-0-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

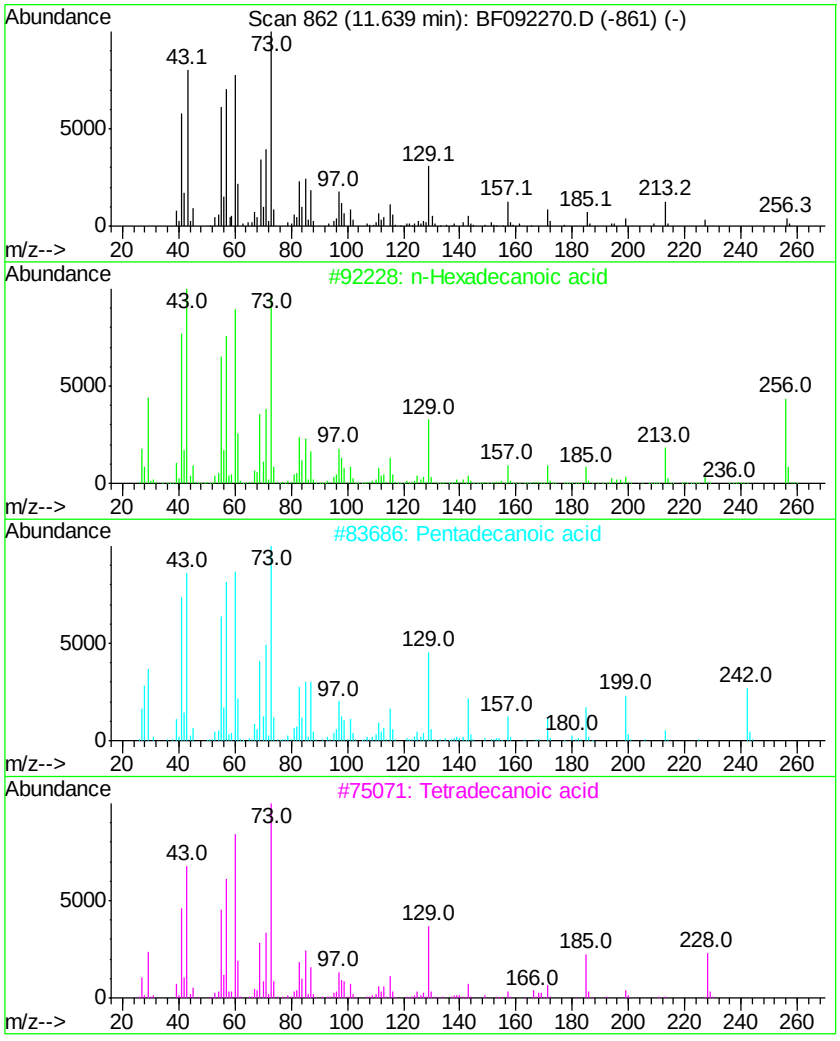
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

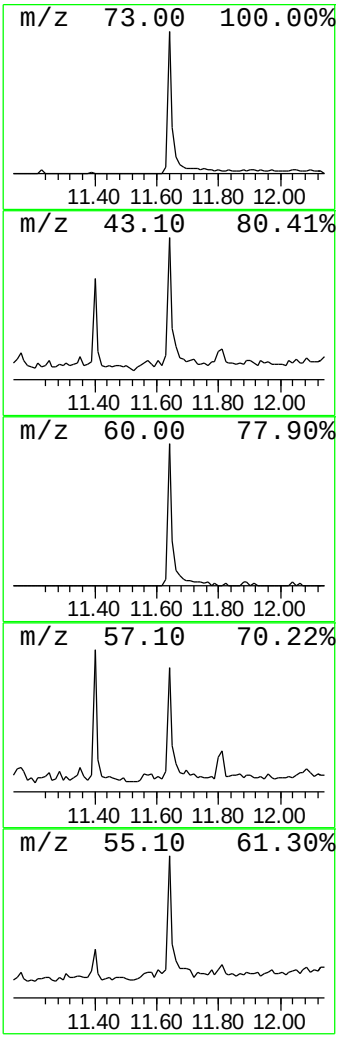
****

Peak Number 6 n-Hexadecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.64	3.53 ng	273149	Phenanthrene-d10	11.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
4	Tridecanoic acid	214	C13H26O2	000638-53-9	38
5	Undecane	156	C11H24	001120-21-4	11





Data Path : Z:\HPCHEM1\BNA F\DATA\BF011317\
Data File : BF092270.D
Acq On : 14 Jan 2017 4:30
Operator : UM/SJ
Sample : I1147-04
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TOD-SB-101-0-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

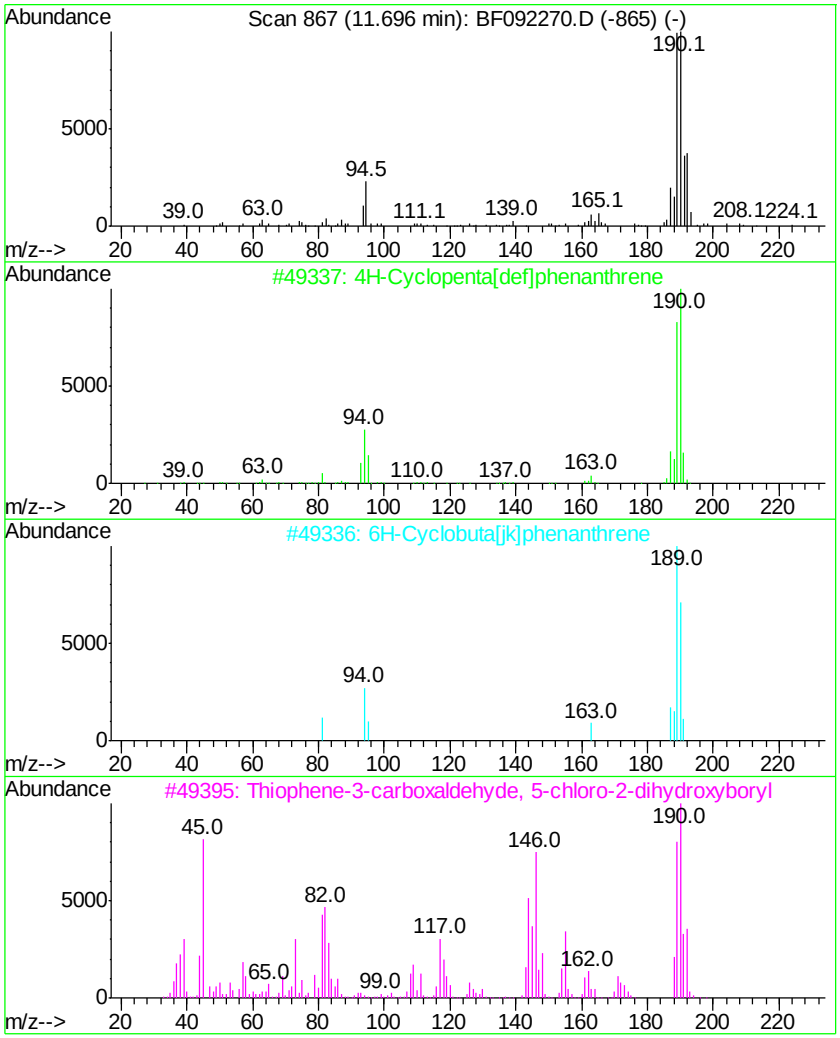
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

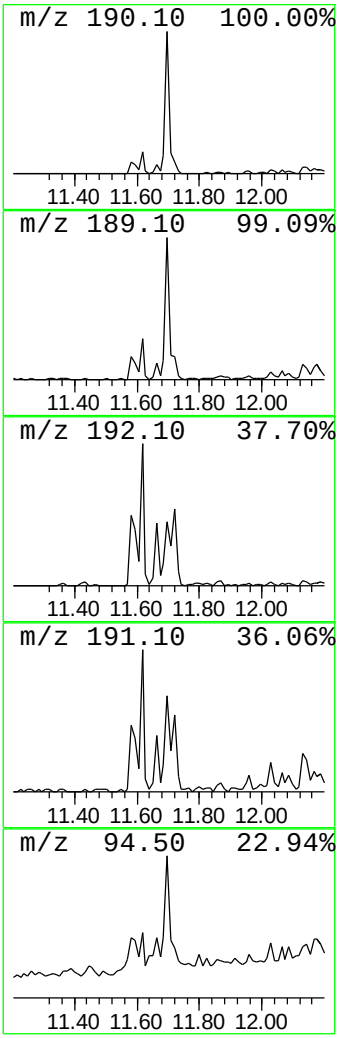
****

Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.70	3.16 ng	243956	Phenanthrene-d10	11.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	87
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	72
3	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	50
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45
5	4,4'-Difluorobiphenyl	190	C12H8F2	000398-23-2	17





Data Path : Z:\HPCHEM1\BNA F\DATA\BF011317\
Data File : BF092270.D
Acq On : 14 Jan 2017 4:30
Operator : UM/SJ
Sample : I1147-04
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TOD-SB-101-0-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

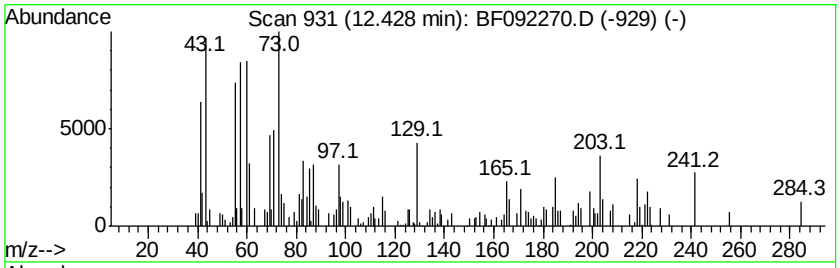
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

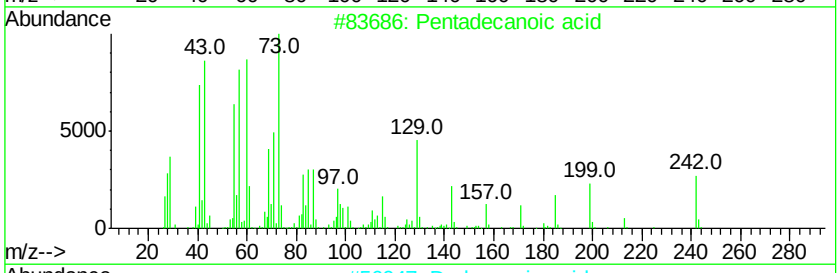
****

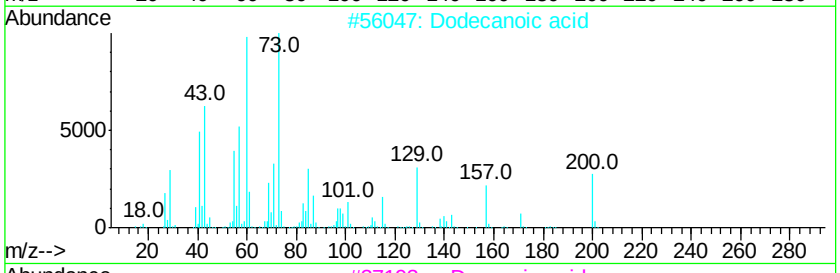
Peak Number 8 unknown12.43 Concentration Rank 16

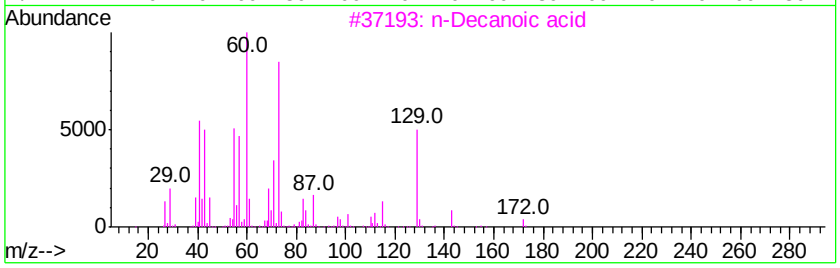
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.43	2.08 ng	200357	Chrysene-d12	13.72

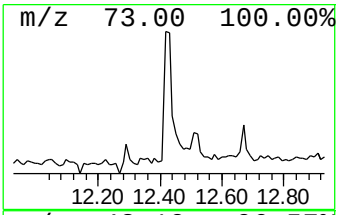
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecanoic acid	242	C15H30O2	001002-84-2	49
2	Dodecanoic acid	200	C12H24O2	000143-07-7	38
3	n-Decanoic acid	172	C10H20O2	000334-48-5	38
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	37
5	Ethanone, 1-(4,5-dihydro-2-thiaz...	129	C5H7NOS	029926-41-8	32

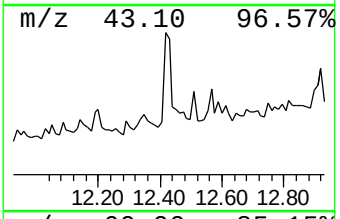


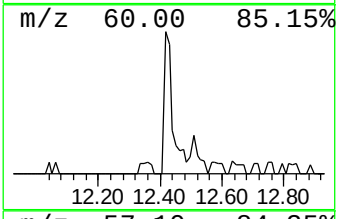


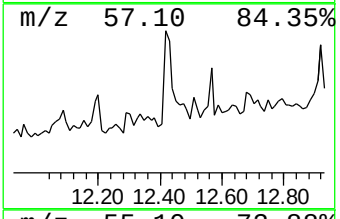


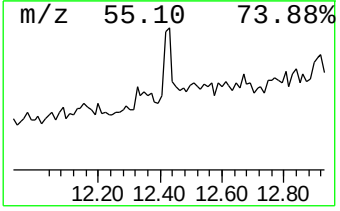












Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011317\
Data File : BF092270.D
Acq On : 14 Jan 2017 4:30
Operator : UM/SJ
Sample : I1147-04
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TOD-SB-101-0-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

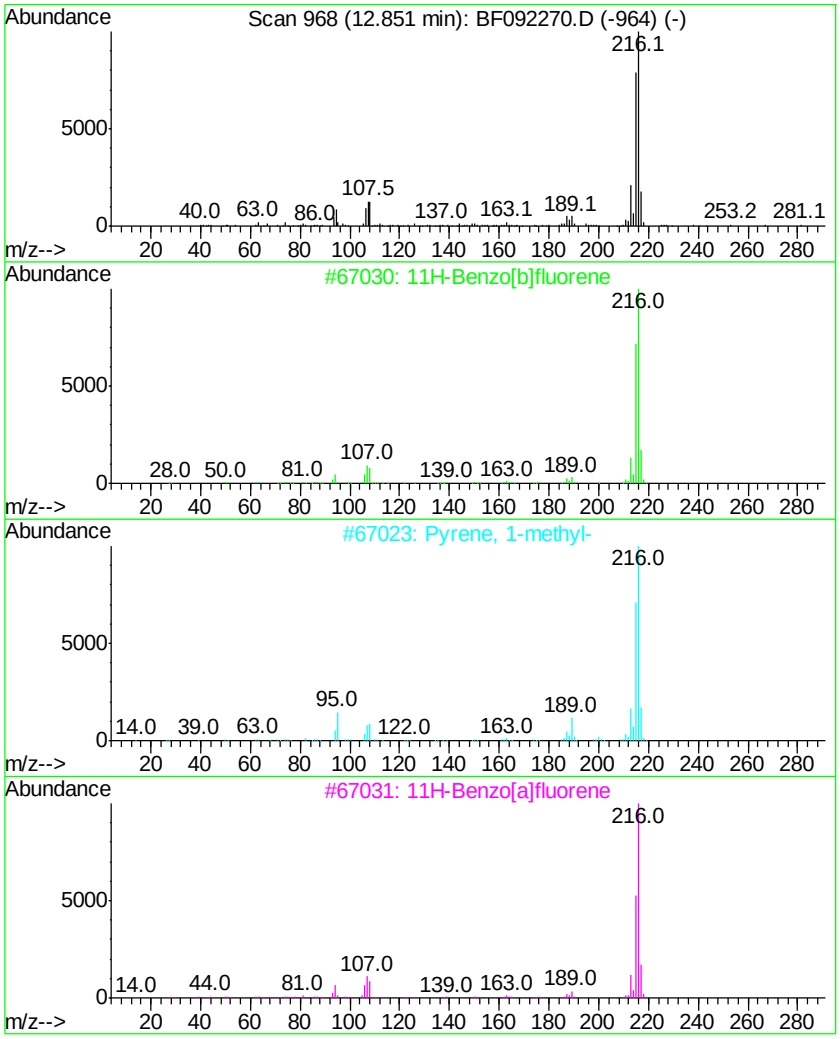
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

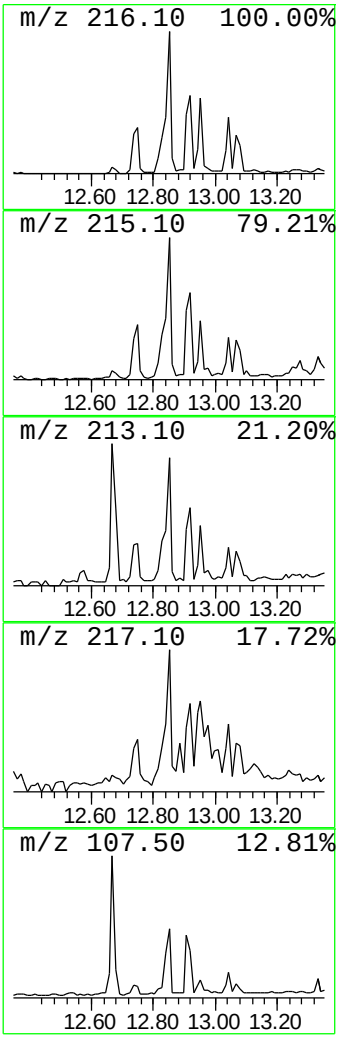
****

Peak Number 9 11H-Benzo[b]fluorene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.85	2.11 ng	203121	Chrysene-d12	13.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	94
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	68





Data Path : Z:\HPCHEM1\BNA F\DATA\BF011317\
Data File : BF092270.D
Acq On : 14 Jan 2017 4:30
Operator : UM/SJ
Sample : I1147-04
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TOD-SB-101-0-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

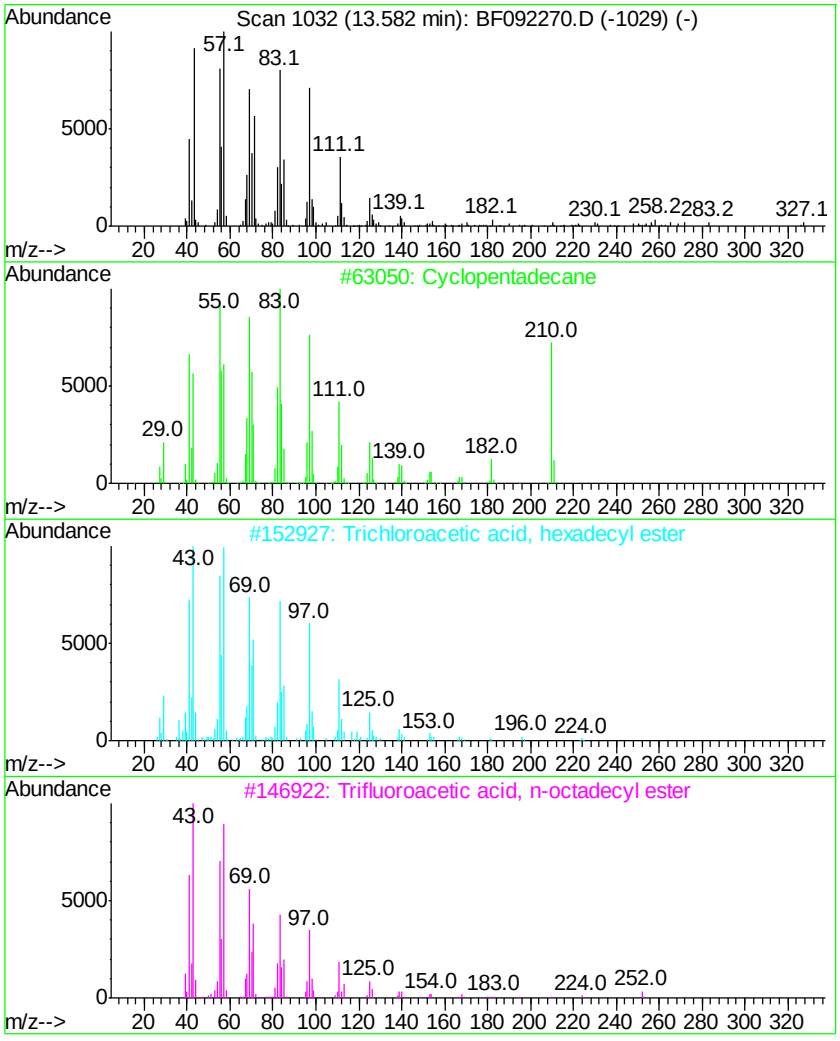
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

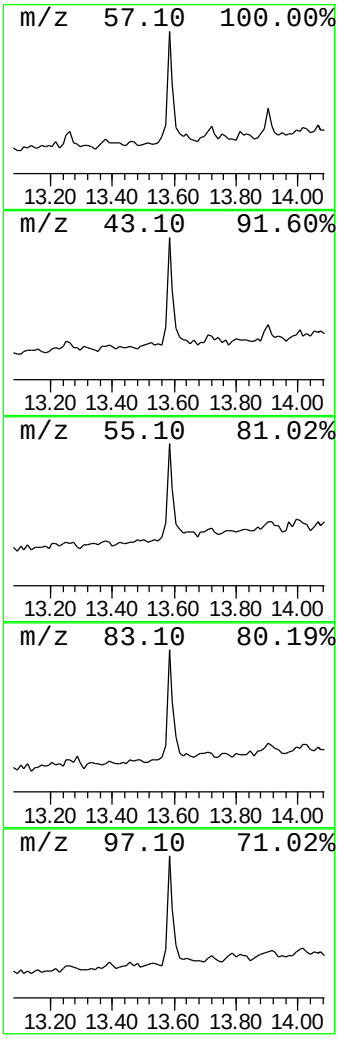
****

Peak Number 10 Cyclopentadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.58	3.12 ng	300405	Chrysene-d12	13.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentadecane	210	C15H30	000295-48-7	95
2	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94
3	Trifluoroacetic acid, n-octadecy...	366	C20H37F3O2	079392-43-1	91
4	17-Pentatriacontene	491	C35H70	006971-40-0	91
5	1-Octadecanol	270	C18H38O	000112-92-5	87





Data Path : Z:\HPCHEM1\BNA F\DATA\BF011317\
Data File : BF092270.D
Acq On : 14 Jan 2017 4:30
Operator : UM/SJ
Sample : I1147-04
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TOD-SB-101-0-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

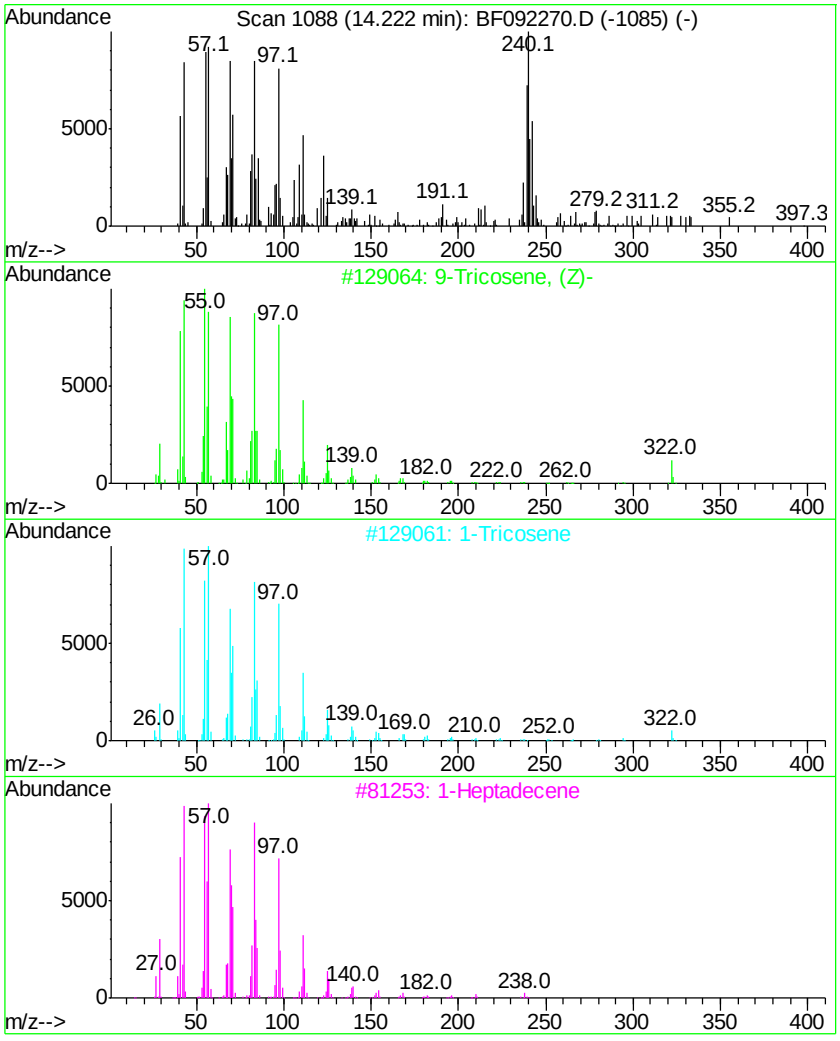
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

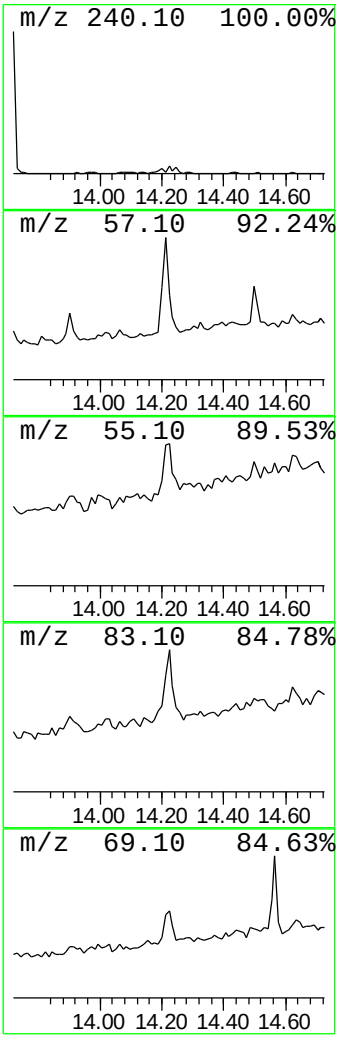
****

Peak Number 11 9-Tricosene, (Z)- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.22	2.34 ng	224805	Chrysene-d12	13.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Tricosene, (Z)-	322	C23H46	027519-02-4	64
2	1-Tricosene	322	C23H46	018835-32-0	50
3	1-Heptadecene	238	C17H34	006765-39-5	49
4	1-Hexacosanol	382	C26H54O	000506-52-5	43
5	Acetic acid, chloro-, octadecyl ...	346	C20H39ClO2	005348-82-3	43





Data Path : Z:\HPCHEM1\BNA F\DATA\BF011317\
Data File : BF092270.D
Acq On : 14 Jan 2017 4:30
Operator : UM/SJ
Sample : I1147-04
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TOD-SB-101-0-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

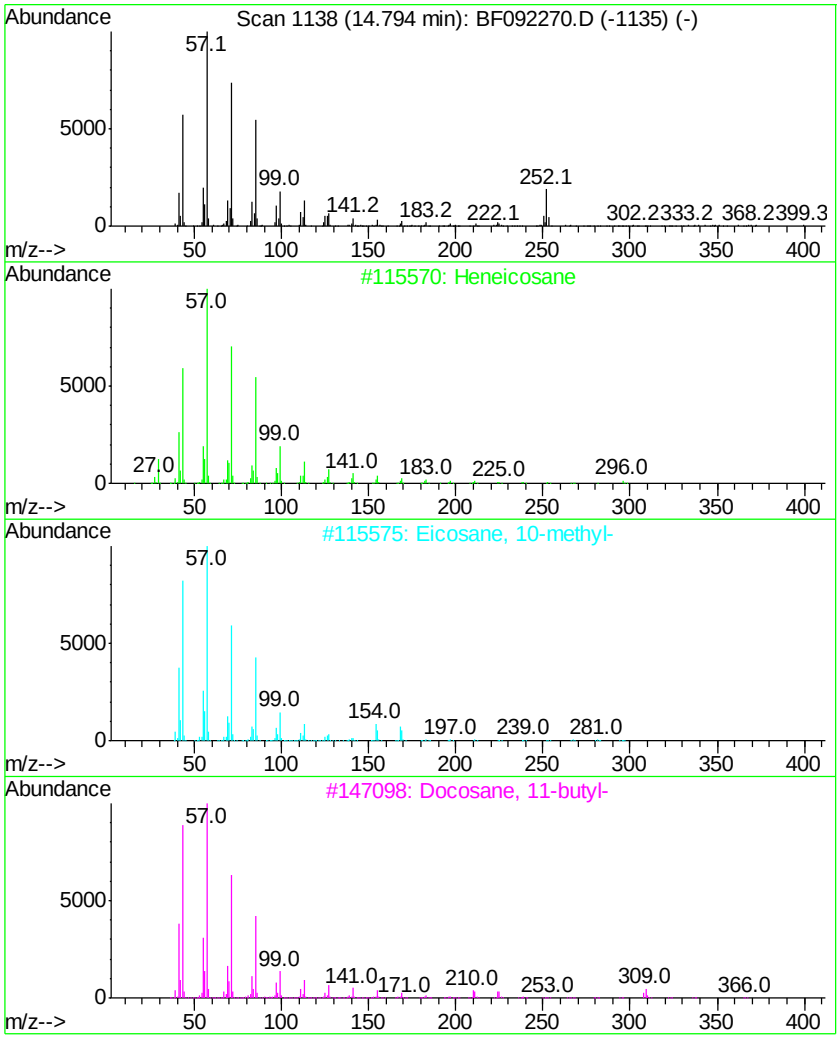
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

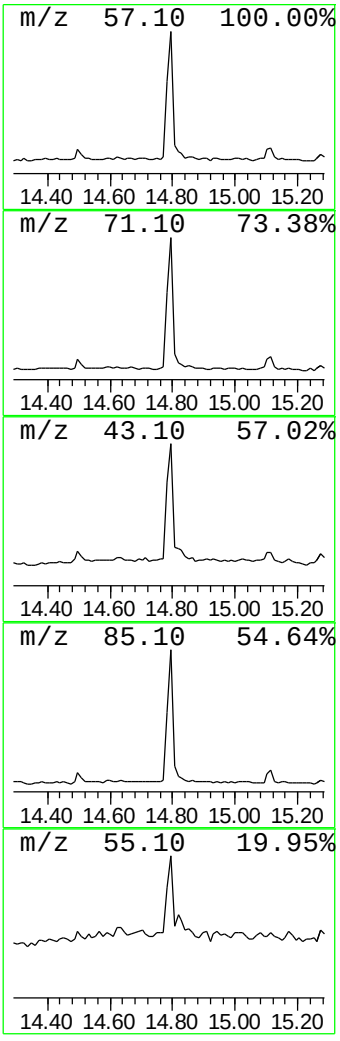
****

Peak Number 12 Heneicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.79	12.10 ng	553814	Perylene-d12	15.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	96
2	Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
3	Docosane, 11-butyl-	366	C26H54	013475-76-8	93
4	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	91
5	Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	90





Data Path : Z:\HPCHEM1\BNA F\DATA\BF011317\
Data File : BF092270.D
Acq On : 14 Jan 2017 4:30
Operator : UM/SJ
Sample : I1147-04
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TOD-SB-101-0-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

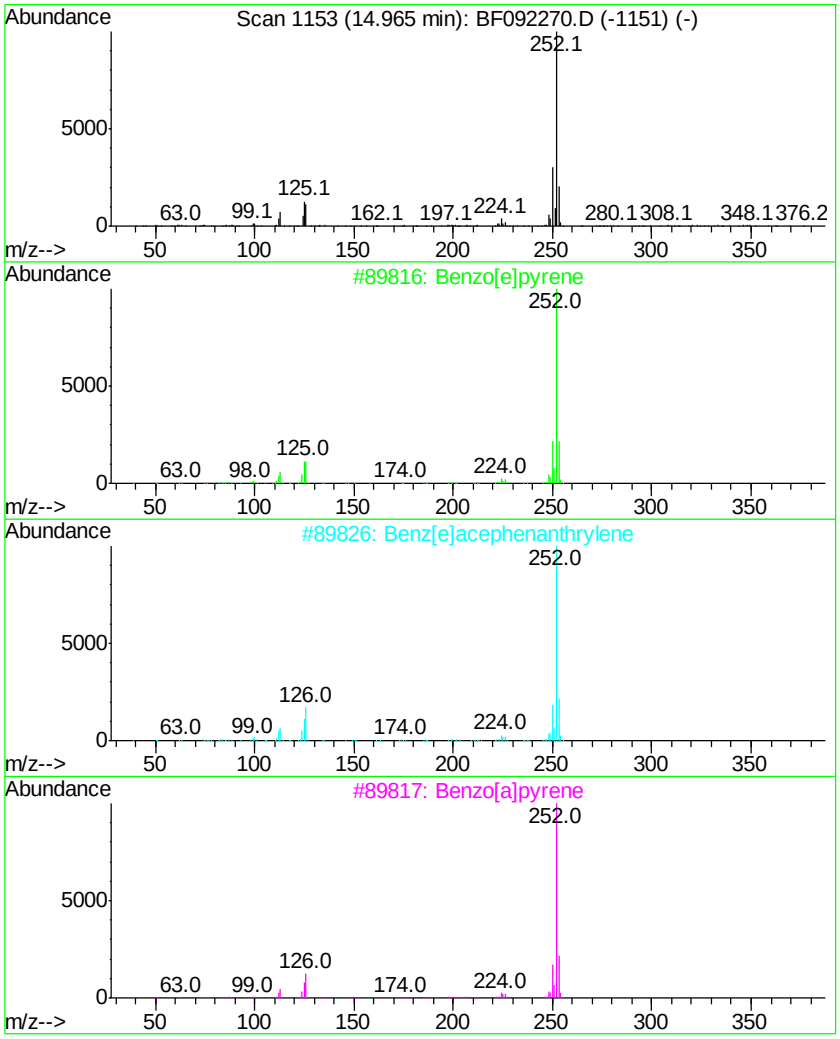
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

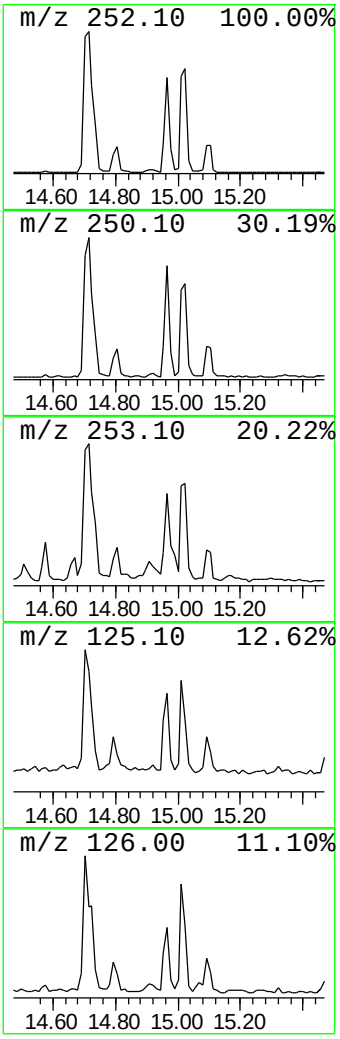
****

Peak Number 13 Benzo[e]pyrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.97	4.93 ng	225719	Perylene-d12	15.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	96
3	Benzo[a]pyrene	252	C20H12	000050-32-8	95
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	95
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93





Data Path : Z:\HPCHEM1\BNA F\DATA\BF011317\
Data File : BF092270.D
Acq On : 14 Jan 2017 4:30
Operator : UM/SJ
Sample : I1147-04
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TOD-SB-101-0-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

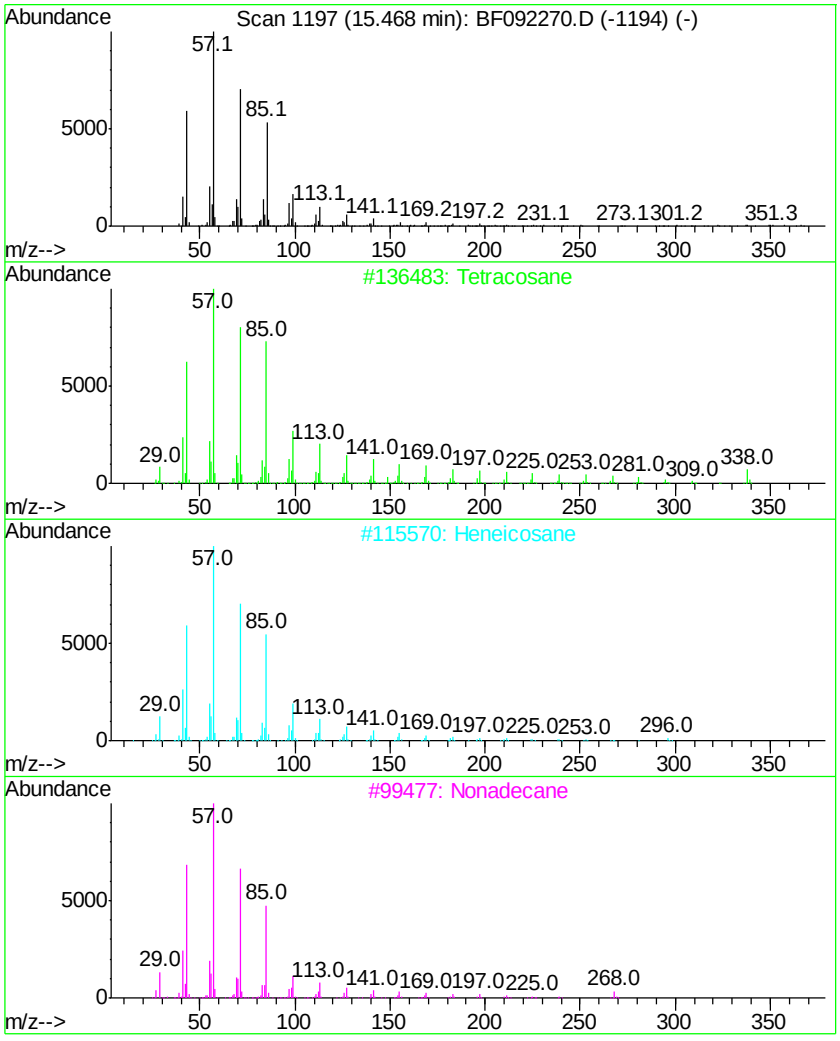
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

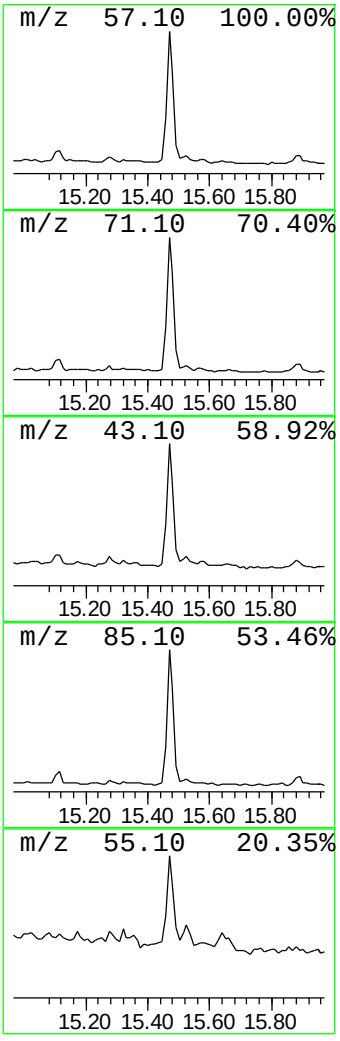
****

Peak Number 14 Tetracosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.47	16.16 ng	739713	Perylene-d12	15.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	91
2	Heneicosane	296	C21H44	000629-94-7	90
3	Nonadecane	268	C19H40	000629-92-5	86
4	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	83
5	Tetratetracontane	619	C44H90	007098-22-8	80





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011317\
Data File : BF092270.D
Acq On : 14 Jan 2017 4:30
Operator : UM/SJ
Sample : I1147-04
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TOD-SB-101-0-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

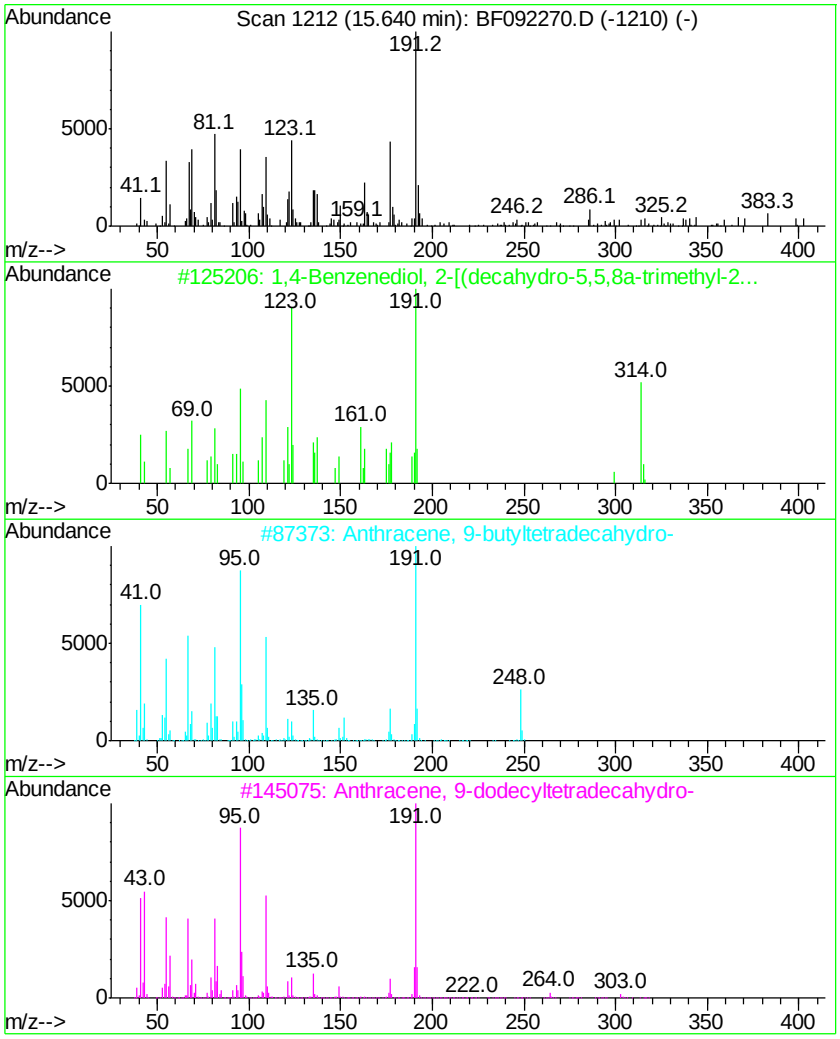
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

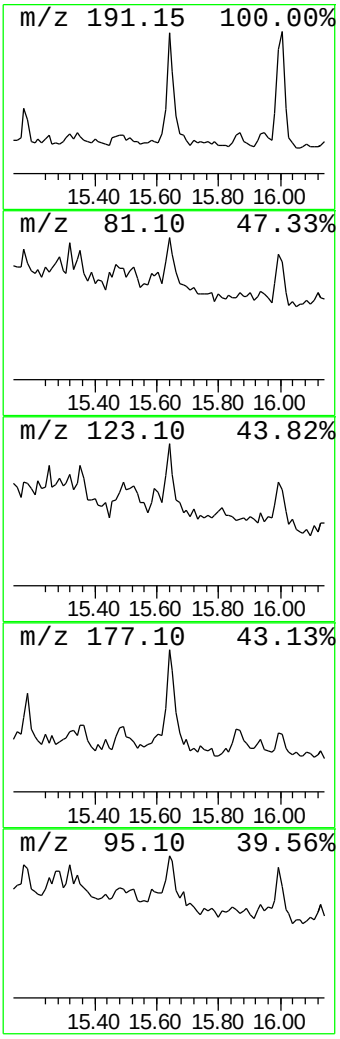
****

Peak Number 15 unknown15.64 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.64	5.62 ng	257461	Perylene-d12	15.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Benzenediol, 2-[(decahydro-5...	314	C21H30O2	039707-54-5	42
2	Anthracene, 9-butyltetradecahydro-	248	C18H32	055133-89-6	38
3	Anthracene, 9-dodecyltetradecahy...	360	C26H48	055401-75-7	37
4	Spiro[4-oxatricyclo[5.3.0.0(2,6)...	276	C18H28O2	1000156-82-9	32
5	1-Cyclohexene, 1,3,3-trimethyl-2...	206	C14H22O	1000197-08-4	32





Data Path : Z:\HPCHEM1\BNA F\DATA\BF011317\
Data File : BF092270.D
Acq On : 14 Jan 2017 4:30
Operator : UM/SJ
Sample : I1147-04
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TOD-SB-101-0-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

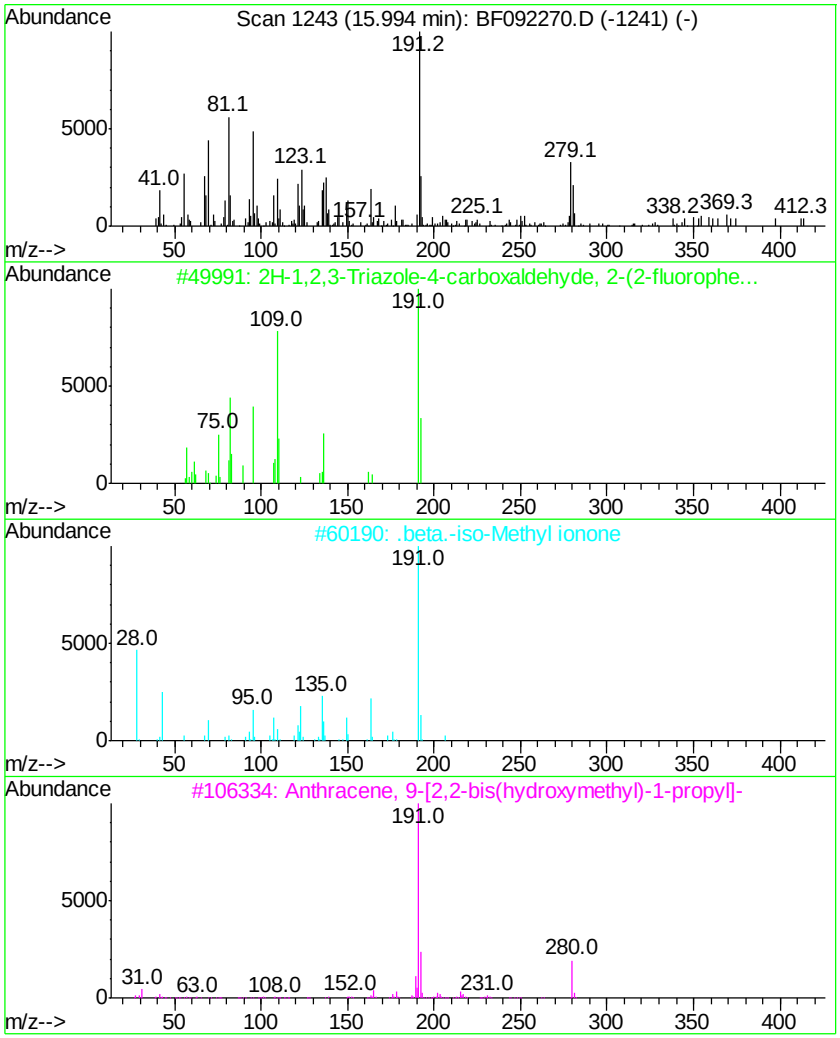
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

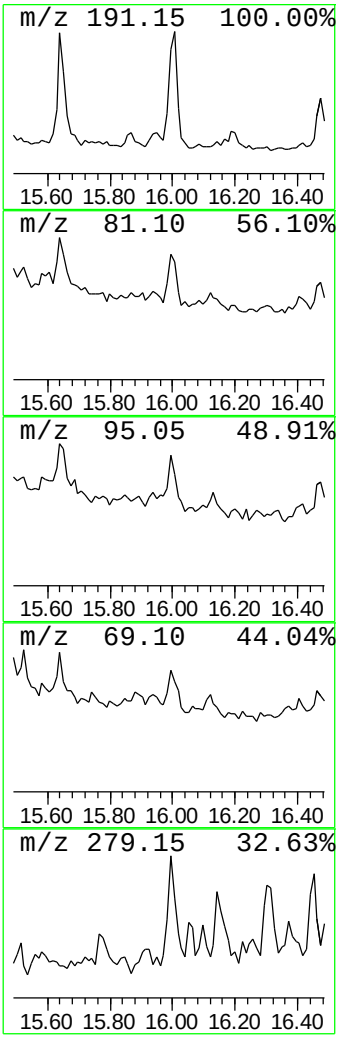
****

Peak Number 16 unknown15.99 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.99	5.54 ng	253632	Perylene-d12	15.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-1,2,3-Triazole-4-carboxaldehy...	191	C9H6FN3O	051306-43-5	43
2	.beta.-iso-Methyl ionone	206	C14H22O	1000285-40-2	43
3	Anthracene, 9-[2,2-bis(hydroxyme...	280	C19H20O2	144000-85-1	41
4	Propanamide, N-(2,3-dihydro-3-me...	220	C11H12N2OS	332413-15-7	35
5	Anthracene, 9-dodecyltetradecahy...	360	C26H48	055401-75-7	32





Data Path : Z:\HPCHEM1\BNA F\DATA\BF011317\
Data File : BF092270.D
Acq On : 14 Jan 2017 4:30
Operator : UM/SJ
Sample : I1147-04
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TOD-SB-101-0-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

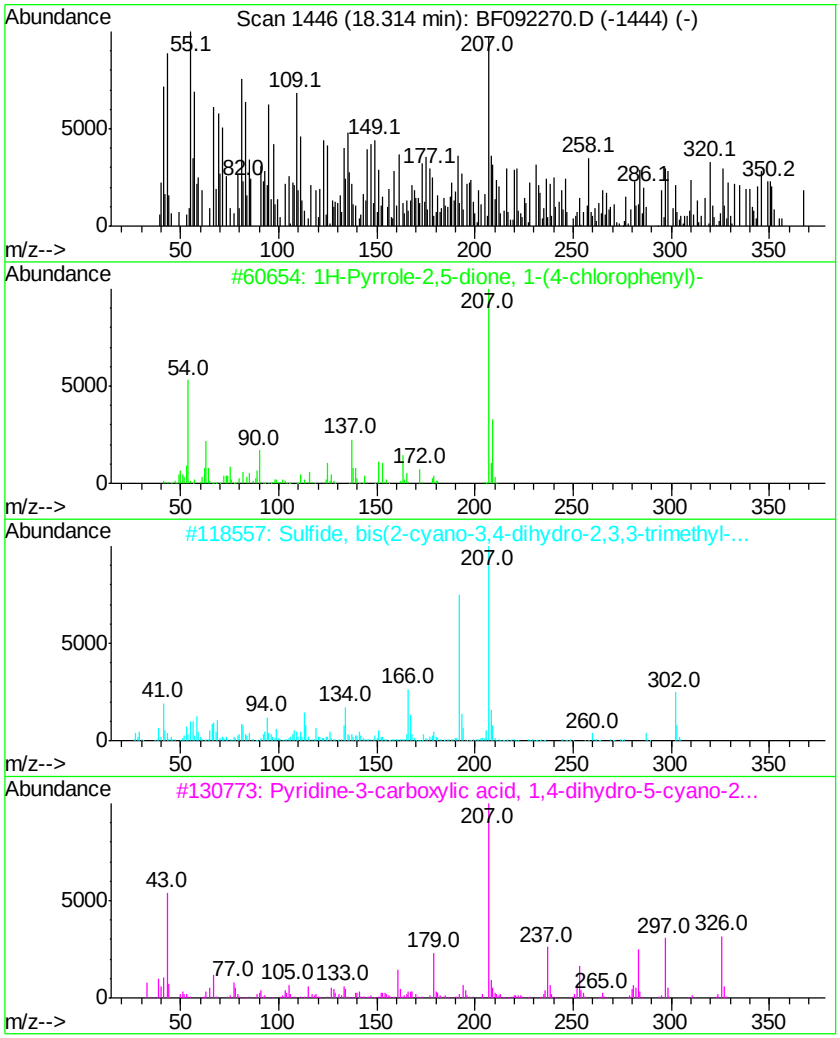
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

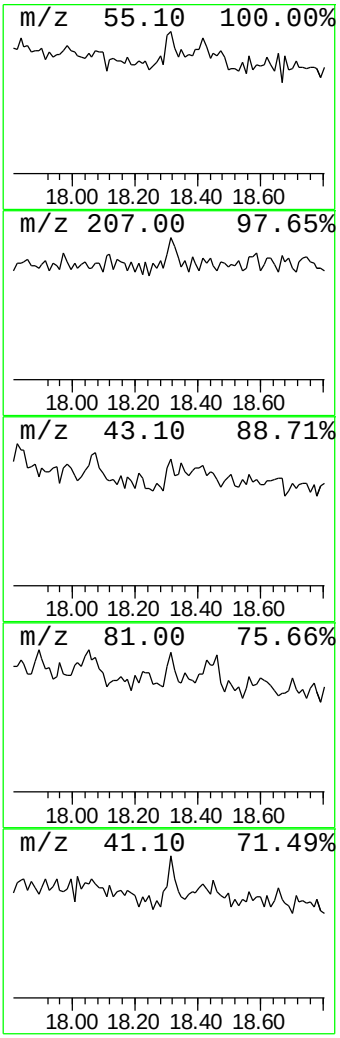
****

Peak Number 17 unknown18.31 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.31	2.50 ng	114275	Perylene-d12	15.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Pyrrole-2,5-dione, 1-(4-chlor...	207	C10H6ClNO2	001631-29-4	35
2	Sulfide, bis(2-cyano-3,4-dihydro...	302	C16H22N4S	1000190-79-0	35
3	Pyridine-3-carboxylic acid, 1,4-...	326	C19H22N2O3	350795-31-2	35
4	6-Amino-5-cyano-4-(5-cyano-2,4-d...	326	C17H18N4O3	1000297-42-5	20
5	2-(1-Phenazinylcarbonylamino)but...	309	C17H15N3O3	098053-98-6	18





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011317\
Data File : BF092270.D
Acq On : 14 Jan 2017 4:30
Operator : UM/SJ
Sample : I1147-04
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TOD-SB-101-0-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.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...	4.70	42.8	ng	2204000	1	6.58	1029410	20.0
unknown6.35	6.35	82.1	ng	4225160	1	6.58	1029410	20.0
Tridecane	10.53	2.0	ng	154644	4	11.09	1546330	20.0
n-Hexadecanoic acid	11.64	3.5	ng	273149	4	11.09	1546330	20.0
4H-Cyclopenta[def...	11.70	3.2	ng	243956	4	11.09	1546330	20.0
unknown12.43	12.43	2.1	ng	200357	5	13.72	1923030	20.0
11H-Benzo[b]fluorene	12.85	2.1	ng	203121	5	13.72	1923030	20.0
Cyclopentadecane	13.58	3.1	ng	300405	5	13.72	1923030	20.0
9-Tricosene, (Z)-	14.22	2.3	ng	224805	5	13.72	1923030	20.0
Heneicosane	14.79	12.1	ng	553814	6	15.07	915769	20.0
Benzo[e]pyrene	14.97	4.9	ng	225719	6	15.07	915769	20.0
Tetracosane	15.47	16.2	ng	739713	6	15.07	915769	20.0
unknown15.64	15.64	5.6	ng	257461	6	15.07	915769	20.0
unknown15.99	15.99	5.5	ng	253632	6	15.07	915769	20.0
unknown18.31	18.31	2.5	ng	114275	6	15.07	915769	20.0