LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012417\
Data File : BF092431.D
Acq On : 24 Jan 2017 16:19
Operator : UM/SJ
Sample : I1304-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1634-NOTTINGHAM-COMP

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-BF012417.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.819	238	239	246	rVB	30586	53045	1.03%	0.089%
2	5.161	266	269	275	rBV	1368628	2184542	42.57%	3.669%
3	5.573	301	305	307	rBV	3883959	5132087	100.00%	8.619%
4	6.019	336	344	349	rBV	34573	107910	2.10%	0.181%
5	6.590	391	394	397	rVB	3956239	4712242	91.82%	7.914%
6	6.739	404	407	409	rBV	3780002	4846767	94.44%	8.140%
7	6.967	425	427	429	rBV	1176900	969408	18.89%	1.628%
8	7.127	438	441	443	rVB	3721599	3543815	69.05%	5.952%
9	7.527	473	476	479	rBV	2213398	3164503	61.66%	5.315%
10	8.259	537	540	542	rBV	1370348	1256168	24.48%	2.110%
11	9.345	632	635	637	rBV	4130617	4231212	82.45%	7.106%
12	9.733	667	669	671	rVB	389265	524117	10.21%	0.880%
13	10.030	692	695	696	rBV	934425	1251101	24.38%	2.101%
14	10.122	700	703	708	rBV	110536	147846	2.88%	0.248%
15	10.465	728	733	734	rBV	78219	99433	1.94%	0.167%
16	10.819	761	764	766	rBV	2113781	2398824	46.74%	4.029%
17	10.933	772	774	779	rVB	84391	142230	2.77%	0.239%
18	11.139	789	792	794	rBV	99506	123150	2.40%	0.207%
19	11.391	811	814	815	rBV	87591	74912	1.46%	0.126%
20	11.516	823	825	826	rBV	1302456	1137560	22.17%	1.910%
21	11.722	839	843	846	rBV	65319	100019	1.95%	0.168%
22	11.814	849	851	855	rBV	72491	77989	1.52%	0.131%
23	12.042	867	871	874	rBV	1443634	2375142	46.28%	3.989%
24	12.134	877	879	883	rVB2	57938	130985	2.55%	0.220%
25	12.316	891	895	904	rVB3	36490	125098	2.44%	0.210%
26	12.556	914	916	919	rBV3	57420	111036	2.16%	0.186%
27	12.671	923	926	927	rVB2	35602	63265	1.23%	0.106%
28	12.728	927	931	936	rBV	466761	654786	12.76%	1.100%
29	12.831	938	940	946	rVV	1667892	2067232	40.28%	3.472%
30	12.956	946	951	952	rVV	335798	505408	9.85%	0.849%
31	12.979	952	953	957	rVB4	46094	102946	2.01%	0.173%
32	13.105	960	964	967	rVB	3138043	3660399	71.32%	6.147%
33	13.174	967	970	974	rBV4	28920	64791	1.26%	0.109%
34	13.277	976	979	981	rBV	29790	64763	1.26%	0.109%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012417\
Data File : BF092431.D
Acq On : 24 Jan 2017 16:19
Operator : UM/SJ
Sample : I1304-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1634-NOTTINGHAM-COMP

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-BF012417.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	13.334	981	984	986	rBV3	35171	94160	1.83%	0.158%
36	13.437	991	993	995	rVB	181728	161770	3.15%	0.272%
37	13.471	995	996	998	rVB2	70004	65244	1.27%	0.110%
38	13.562	1001	1004	1008	rBV	357302	508374	9.91%	0.854%
39	13.631	1008	1010	1012	rBV	696928	989192	19.27%	1.661%
40	13.768	1020	1022	1023	rBV	62661	82242	1.60%	0.138%
41	13.894	1030	1033	1035	rBV3	36252	78725	1.53%	0.132%
42	13.939	1035	1037	1039	rVV	504125	740225	14.42%	1.243%
43	13.985	1039	1041	1042	rVV	824745	1267254	24.69%	2.128%
44	14.019	1042	1044	1046	rVV	1792143	1931301	37.63%	3.243%
45	14.065	1046	1048	1050	rVV	163297	171484	3.34%	0.288%
46	14.134	1051	1054	1061	rVB3	1643576	3554781	69.27%	5.970%
47	14.317	1067	1070	1073	rVB	326638	340213	6.63%	0.571%
48	14.625	1094	1097	1099	rBV	217598	300603	5.86%	0.505%
49	14.660	1099	1100	1104	rVB	73644	96545	1.88%	0.162%
50	14.740	1105	1107	1109	rVV	238882	261756	5.10%	0.440%
51	14.774	1109	1110	1114	rVB2	104793	135634	2.64%	0.228%
52	14.934	1122	1124	1129	rVB	116227	181202	3.53%	0.304%
53	15.014	1129	1131	1134	rBV	131651	187520	3.65%	0.315%
54	15.197	1143	1147	1152	rVV	154072	379387	7.39%	0.637%
55	15.288	1152	1155	1158	rVB2	61064	139144	2.71%	0.234%
56	15.494	1171	1173	1176	rVB	75255	113106	2.20%	0.190%
57	15.562	1176	1179	1182	rBV	101427	129723	2.53%	0.218%
58	15.631	1182	1185	1187	rBV	591502	859068	16.74%	1.443%
59	16.134	1226	1229	1231	rBV	34246	71202	1.39%	0.120%
60	16.180	1231	1233	1240	rVB5	36628	81978	1.60%	0.138%
61	16.648	1271	1274	1278	rBV3	29336	71825	1.40%	0.121%
62	17.094	1310	1313	1321	rVB2	46936	106240	2.07%	0.178%
63	17.265	1325	1328	1332	rBV2	23750	69008	1.34%	0.116%
64	17.540	1349	1352	1362	rVB	42641	103354	2.01%	0.174%
65	18.306	1416	1419	1426	rVB6	26302	66835	1.30%	0.112%

Sum of corrected areas: 59543826

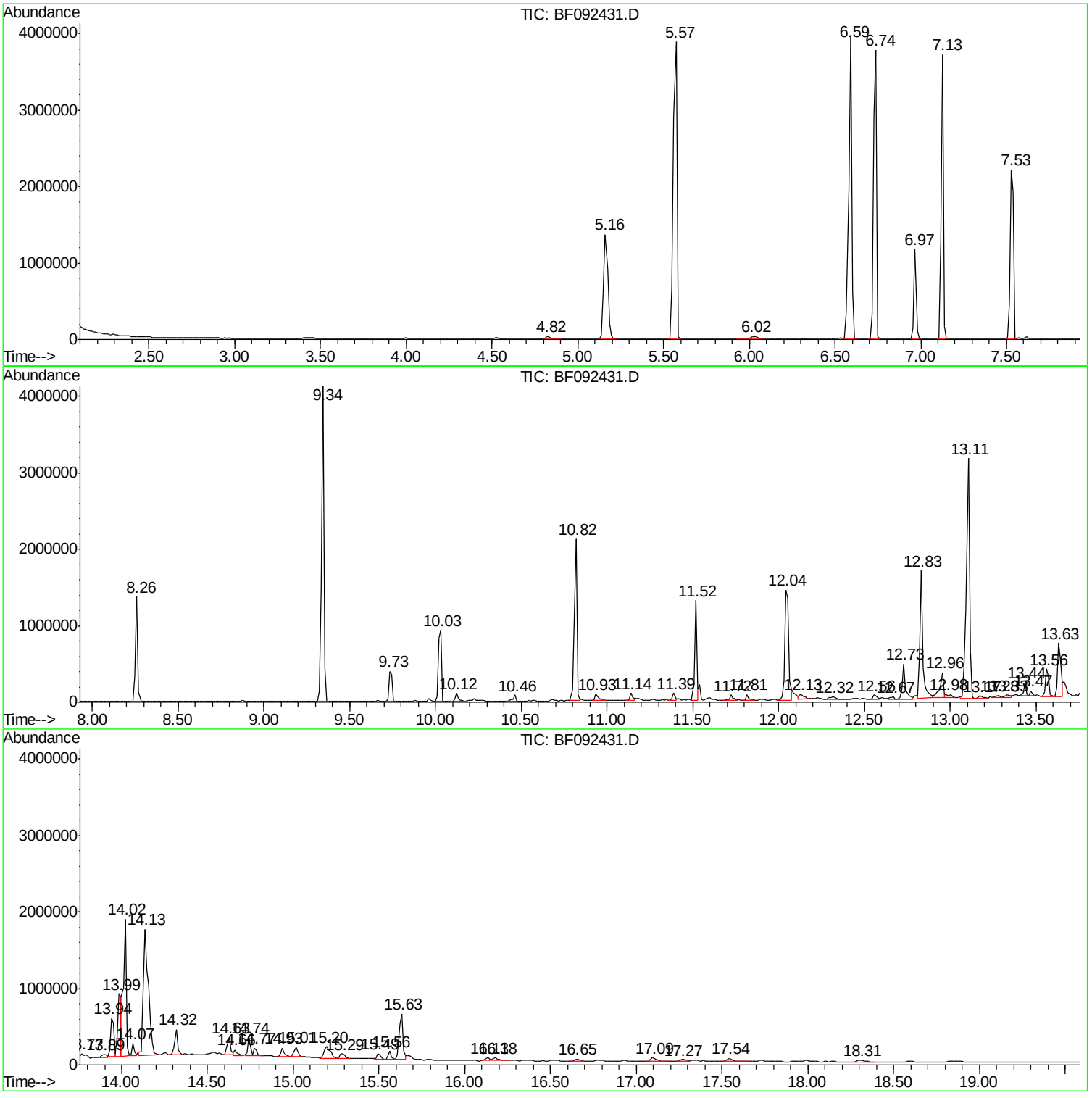
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012417\
Data File : BF092431.D
Acq On : 24 Jan 2017 16:19
Operator : UM/SJ
Sample : I1304-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
1634-NOTTINGHAM-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012417.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\BF012417\
Data File : BF092431.D
Acq On : 24 Jan 2017 16:19
Operator : UM/SJ
Sample : I1304-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1634-NOTTINGHAM-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

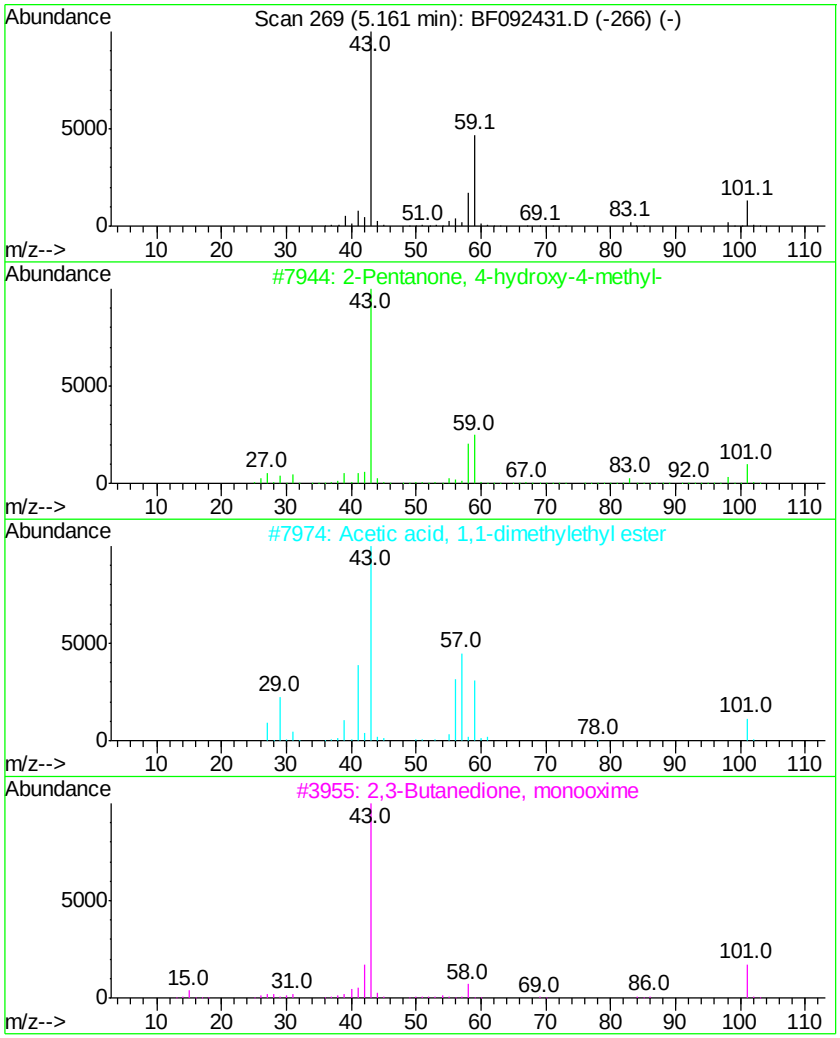
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

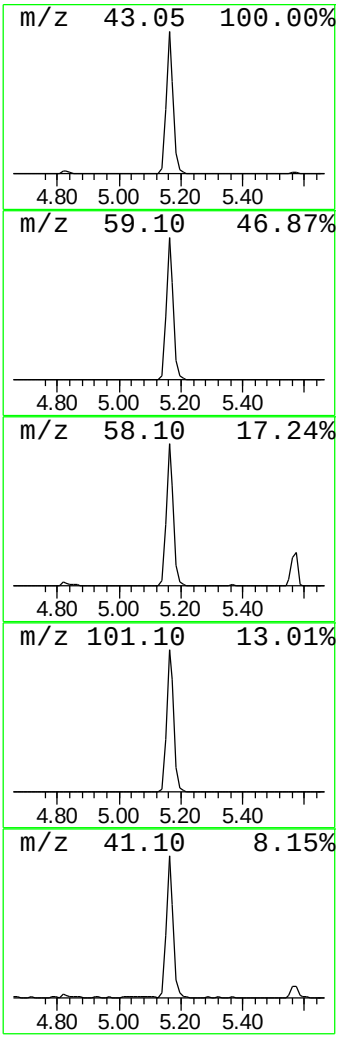
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.16	45.07 ng	2184540	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	28
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
5	Diacetamide	101	C4H7NO2	000625-77-4	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF012417\
Data File : BF092431.D
Acq On : 24 Jan 2017 16:19
Operator : UM/SJ
Sample : I1304-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
1634-NOTTINGHAM-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

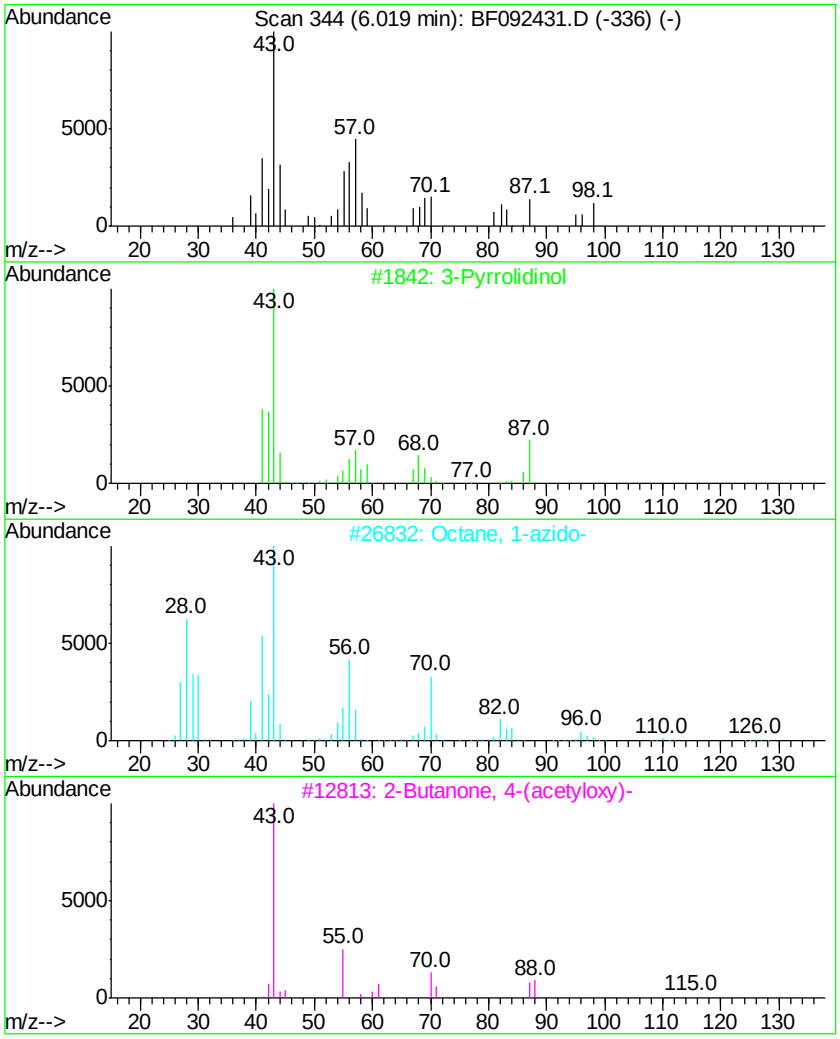
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

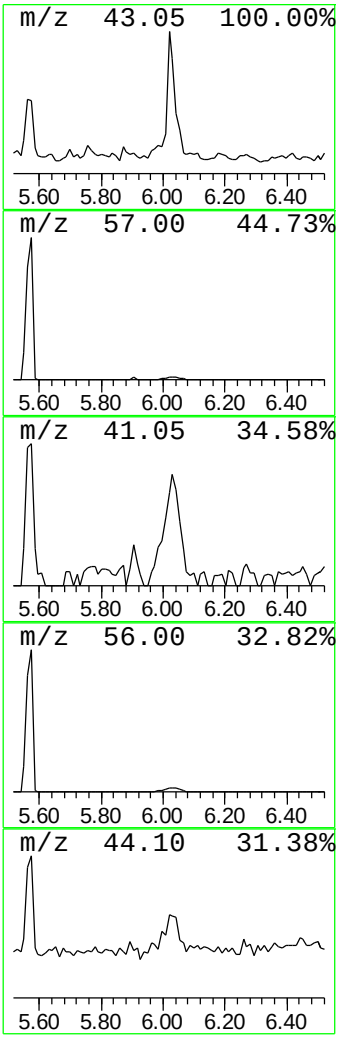
****

Peak Number 2 unknown6.02 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.02	2.23 ng	107910	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Pyrrolidinol	87	C4H9NO	040499-83-0	22
2	Octane, 1-azido-	155	C8H17N3	007438-05-3	10
3	2-Butanone, 4-(acetyloxy)-	130	C6H10O3	010150-87-5	9
4	1-Decanamine	157	C10H23N	002016-57-1	9
5	18-Nonadecen-1-amine	281	C19H39N	1000221-52-8	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF012417\
Data File : BF092431.D
Acq On : 24 Jan 2017 16:19
Operator : UM/SJ
Sample : I1304-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
1634-NOTTINGHAM-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

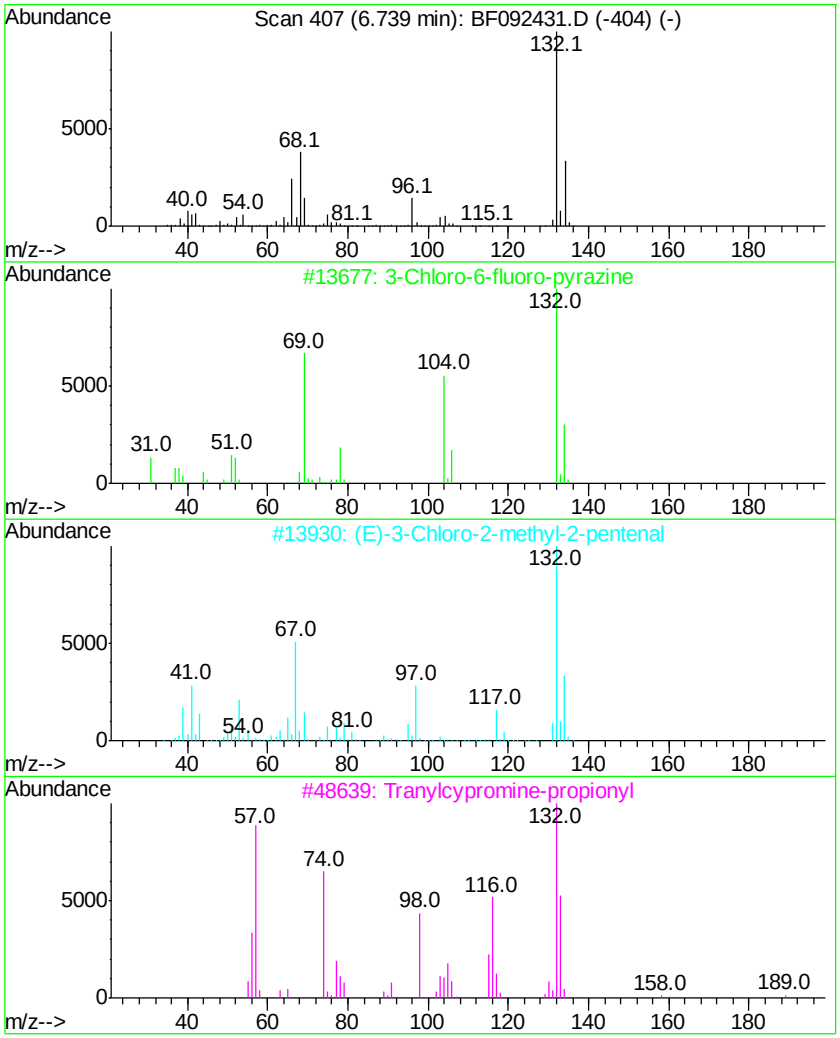
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

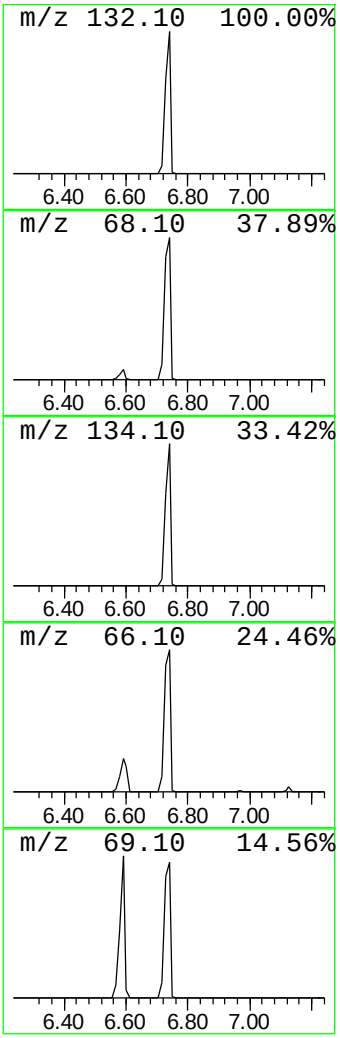
****

Peak Number 3 unknown6.74 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.74	99.99 ng	4846770	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	16
4	5-Aminoindole	132	C8H8N2	005192-03-0	16
5	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF012417\
Data File : BF092431.D
Acq On : 24 Jan 2017 16:19
Operator : UM/SJ
Sample : I1304-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1634-NOTTINGHAM-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

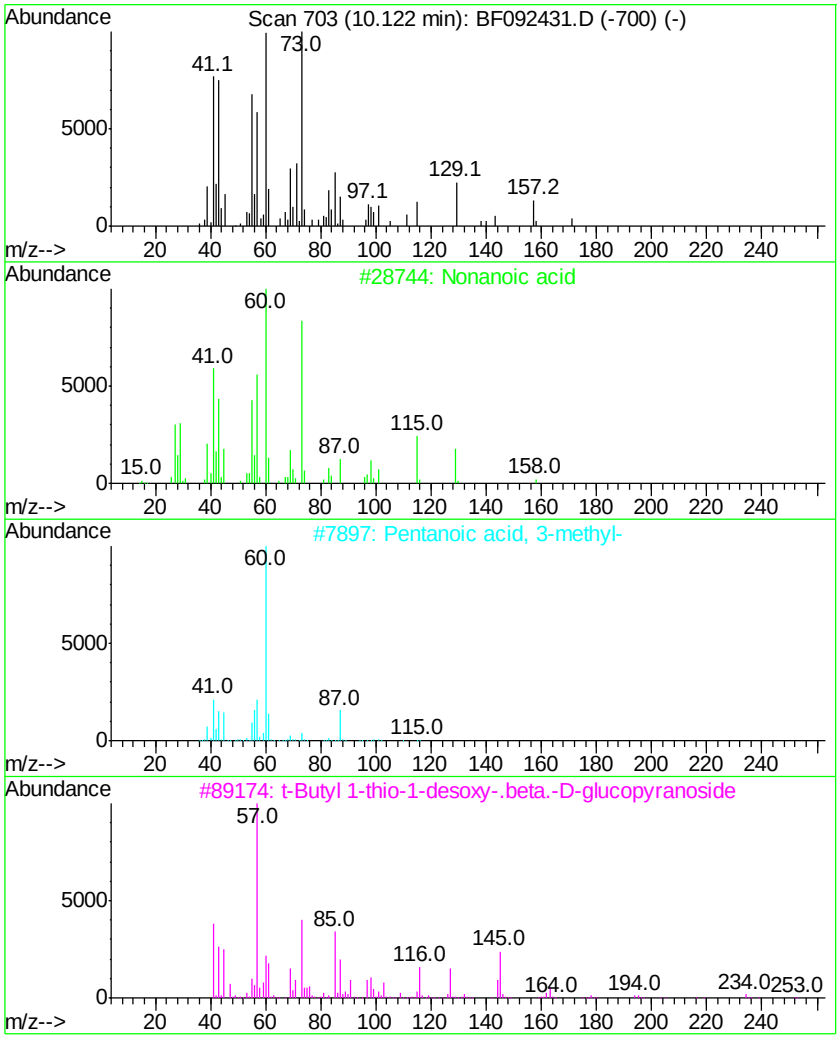
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

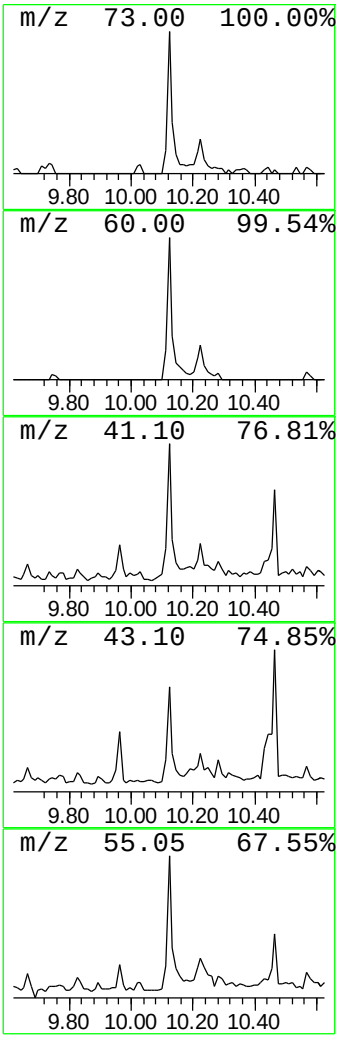
****

Peak Number 5 Nonanoic acid Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.12	2.36 ng	147846	Acenaphthene-d10	10.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonanoic acid	158	C9H18O2	000112-05-0	62
2	Pentanoic acid, 3-methyl-	116	C6H12O2	000105-43-1	35
3	t-Butyl 1-thio-1-desoxy-.beta.-D...	252	C10H20O5S	1000126-98-1	22
4	Nonane, 2-methyl-	142	C10H22	000871-83-0	10
5	Tetradecane	198	C14H30	000629-59-4	10





Data Path : Z:\HPCHEM1\BNA F\DATA\BF012417\
Data File : BF092431.D
Acq On : 24 Jan 2017 16:19
Operator : UM/SJ
Sample : I1304-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1634-NOTTINGHAM-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

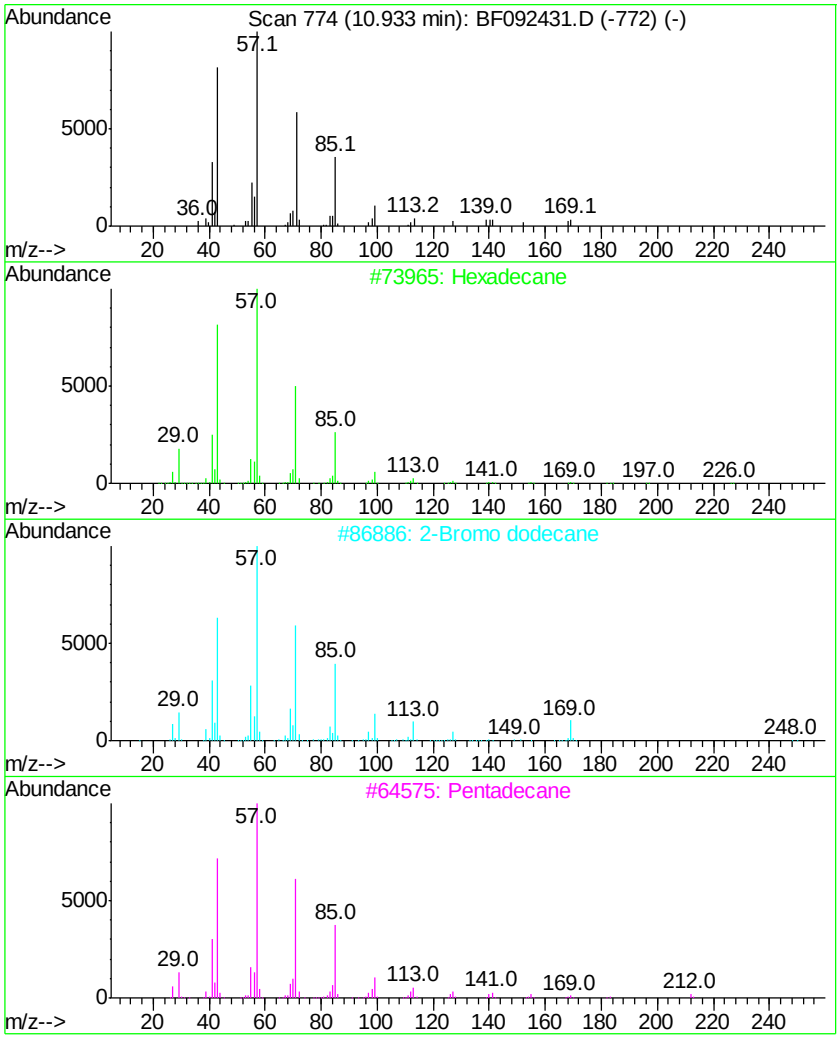
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

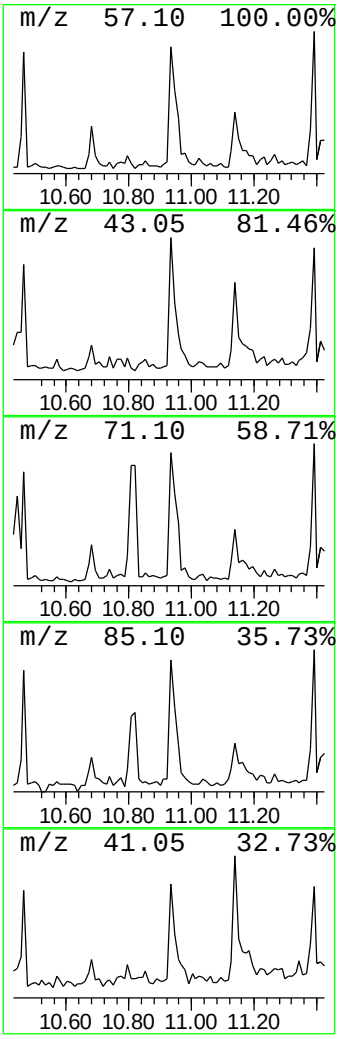
****

Peak Number 6 Hexadecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.93	2.50 ng	142230	Phenanthrene-d10	11.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	87
2	2-Bromo dodecane	248	C12H25Br	013187-99-0	78
3	Pentadecane	212	C15H32	000629-62-9	72
4	Tetradecane	198	C14H30	000629-59-4	72
5	Decane, 2,3,8-trimethyl-	184	C13H28	062238-14-6	64





Data Path : Z:\HPCHEM1\BNA F\DATA\BF012417\
Data File : BF092431.D
Acq On : 24 Jan 2017 16:19
Operator : UM/SJ
Sample : I1304-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1634-NOTTINGHAM-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

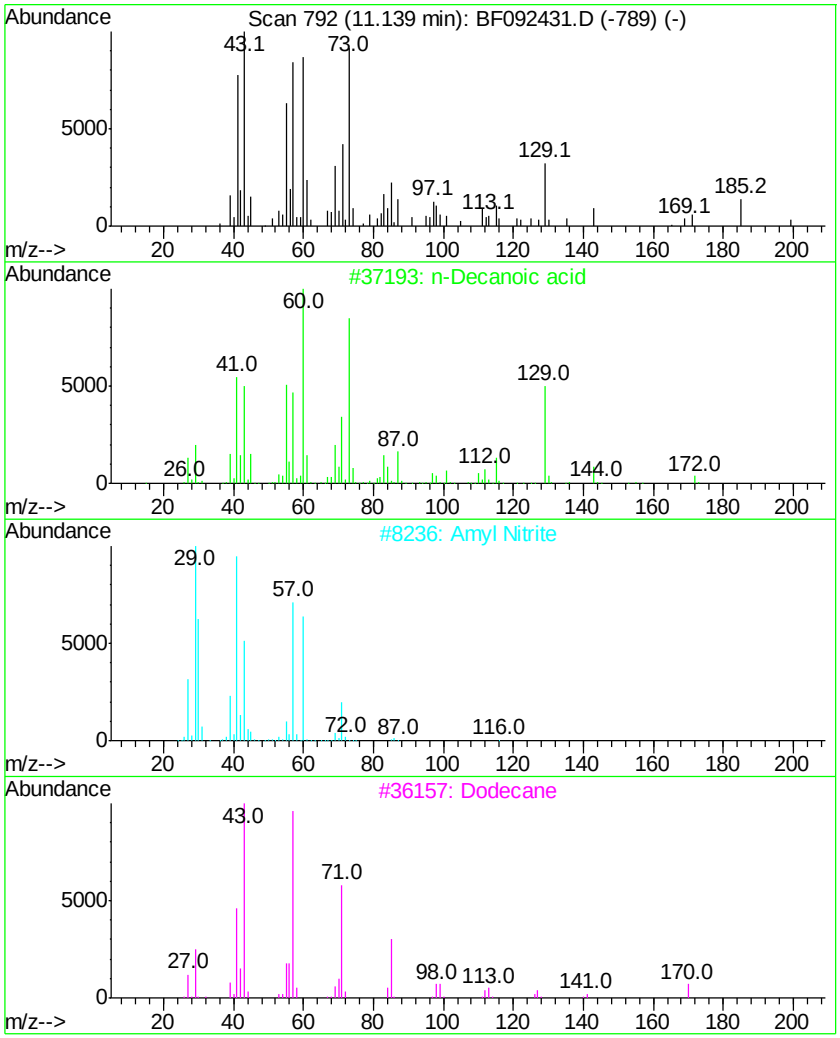
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

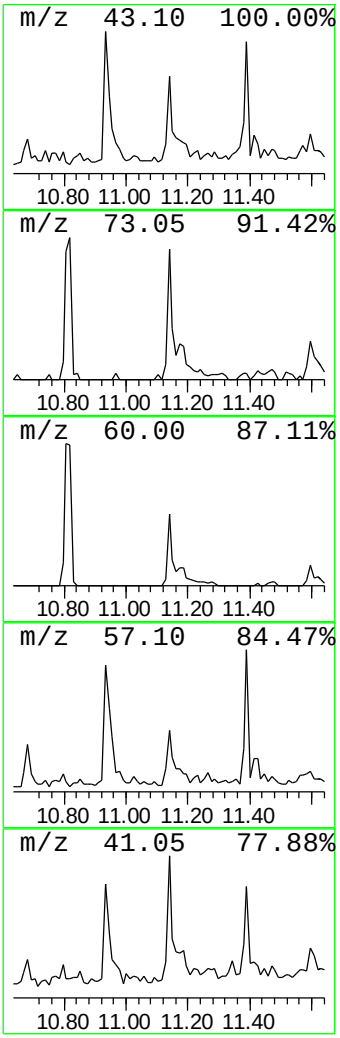
****

Peak Number 7 unknown11.14 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.14	2.17 ng	123150	Phenanthrene-d10	11.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Decanoic acid	172	C10H20O2	000334-48-5	47
2	Amyl Nitrite	117	C5H11NO2	000110-46-3	27
3	Dodecane	170	C12H26	000112-40-3	18
4	5-Hydroxy-2-methyl-hex-3-enoic acid	144	C7H12O3	1000190-96-0	14
5	Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	14





Data Path : Z:\HPCHEM1\BNA F\DATA\BF012417\
Data File : BF092431.D
Acq On : 24 Jan 2017 16:19
Operator : UM/SJ
Sample : I1304-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
1634-NOTTINGHAM-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

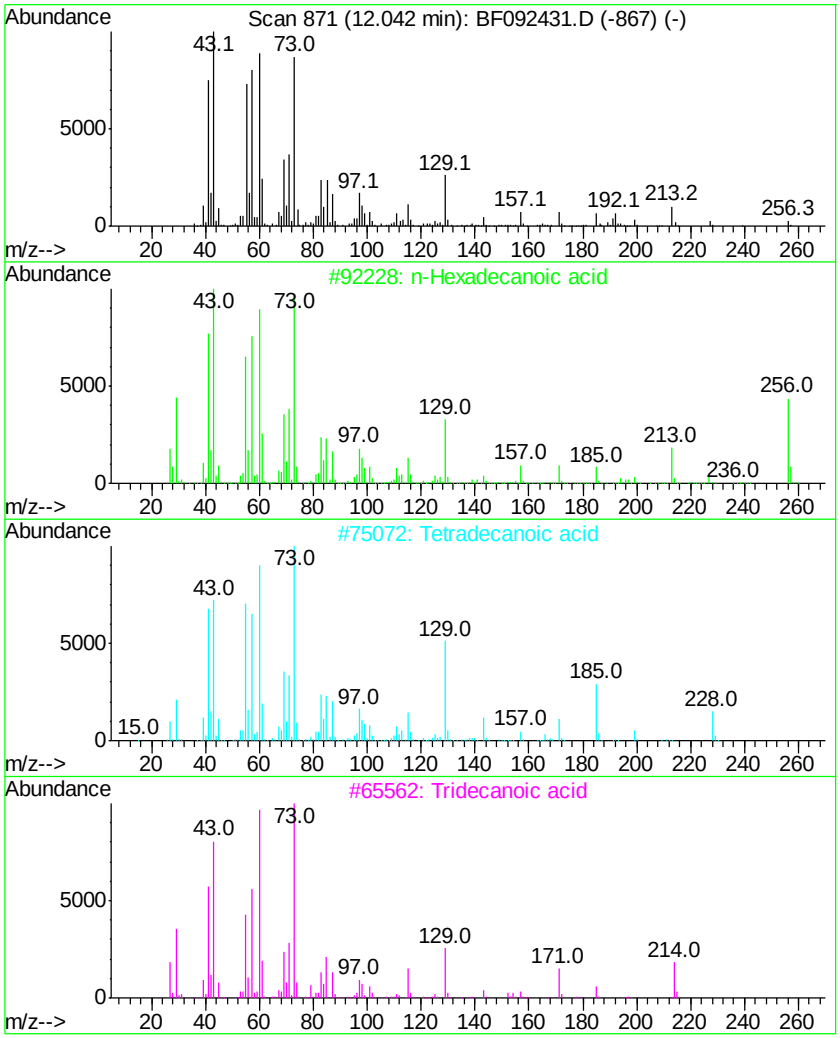
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

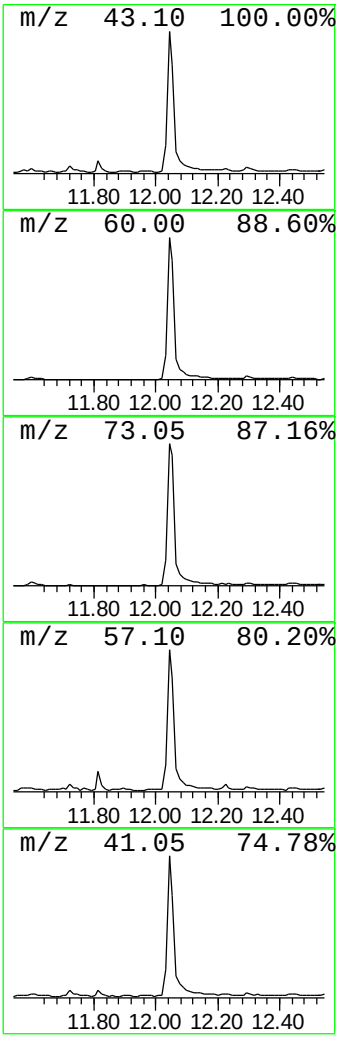
****

Peak Number 8 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.04	41.76 ng	2375140	Phenanthrene-d10	11.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	90
3	Tridecanoic acid	214	C13H26O2	000638-53-9	87
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
5	Undecanoic acid	186	C11H22O2	000112-37-8	72





Data Path : Z:\HPCHEM1\BNA F\DATA\BF012417\
Data File : BF092431.D
Acq On : 24 Jan 2017 16:19
Operator : UM/SJ
Sample : I1304-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1634-NOTTINGHAM-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

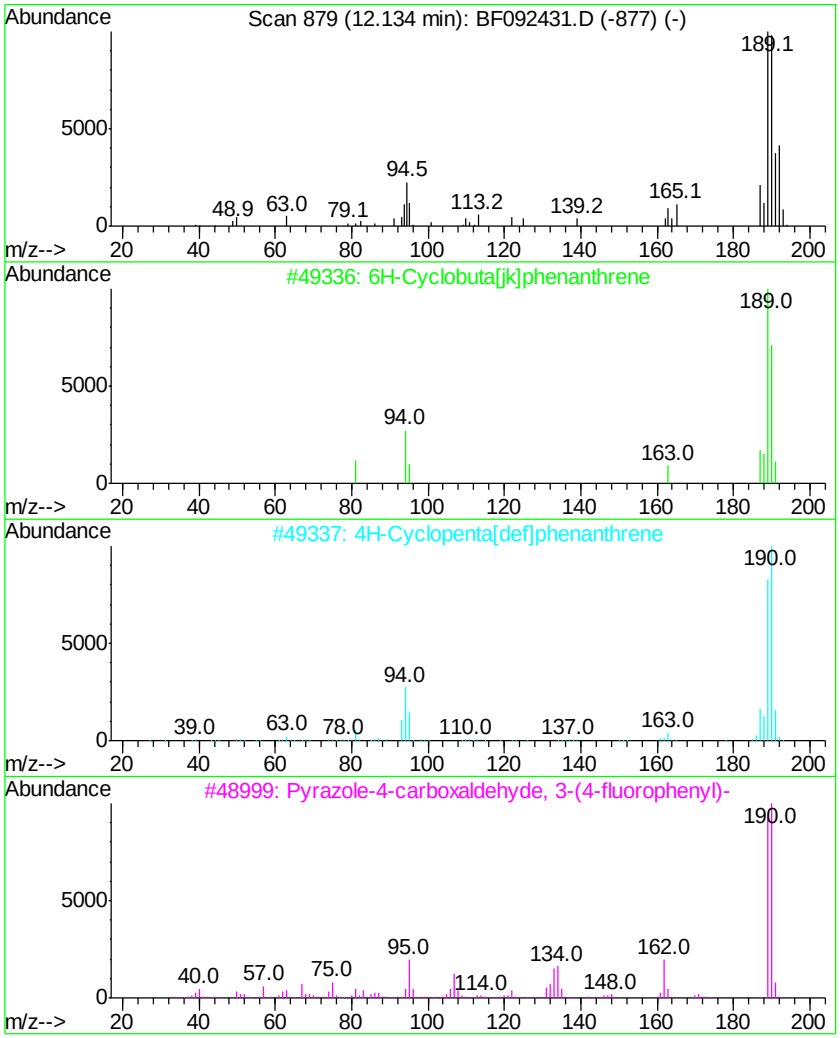
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

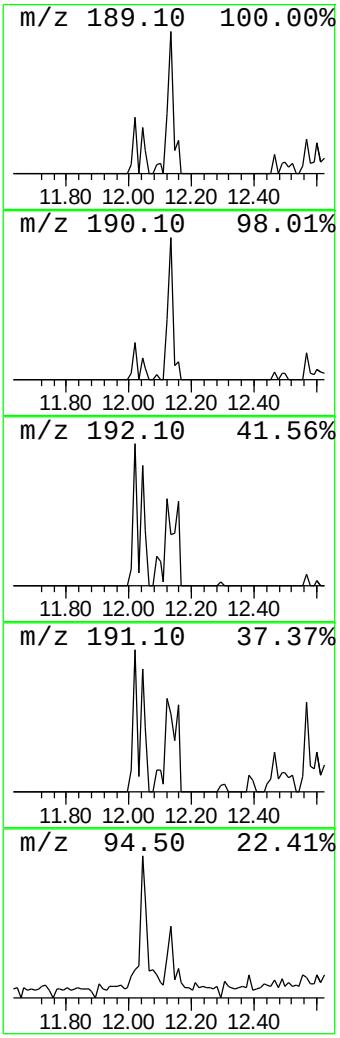
****

Peak Number 9 6H-Cyclobuta[jk]phenanthrene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.13	2.30 ng	130985	Phenanthrene-d10	11.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	64
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	59
3	Pyrazole-4-carboxaldehyde, 3-(4-...	190	C10H7FN2O	306936-57-2	37
4	4-Cyano-4-hydroxy-3-methyl-2-phe...	216	C13H16N2O	1000216-11-7	14
5	1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	12





Data Path : Z:\HPCHEM1\BNA F\DATA\BF012417\
Data File : BF092431.D
Acq On : 24 Jan 2017 16:19
Operator : UM/SJ
Sample : I1304-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1634-NOTTINGHAM-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

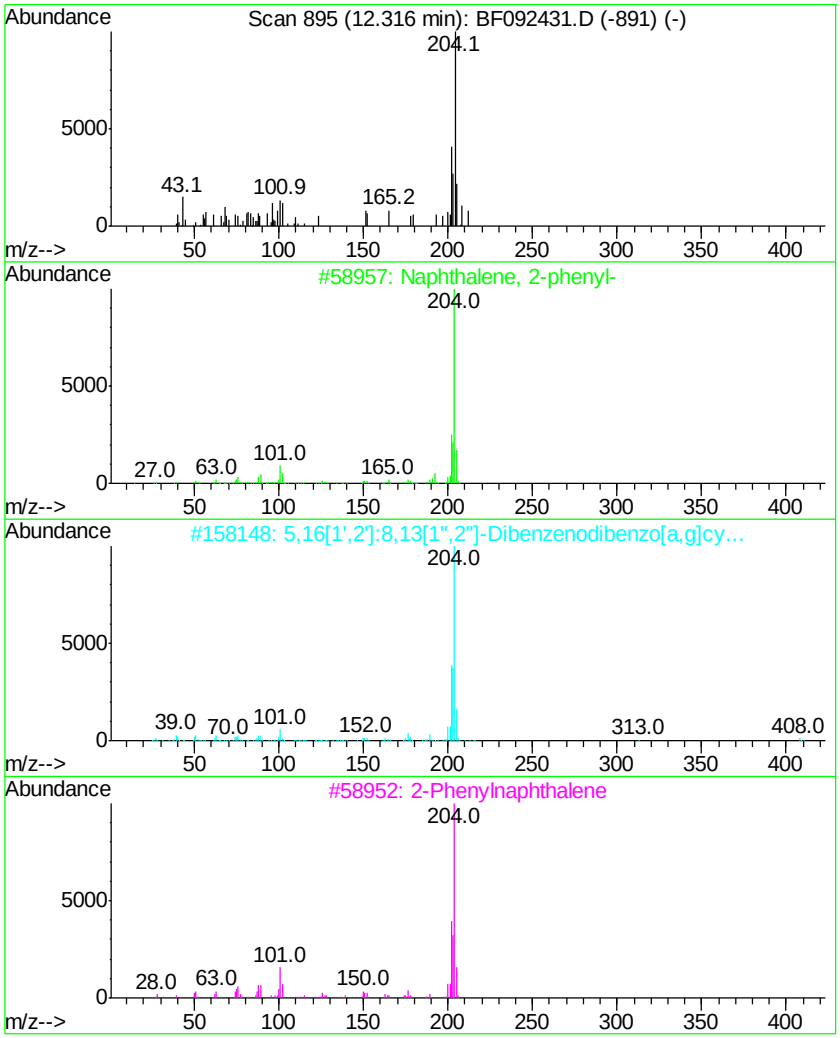
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

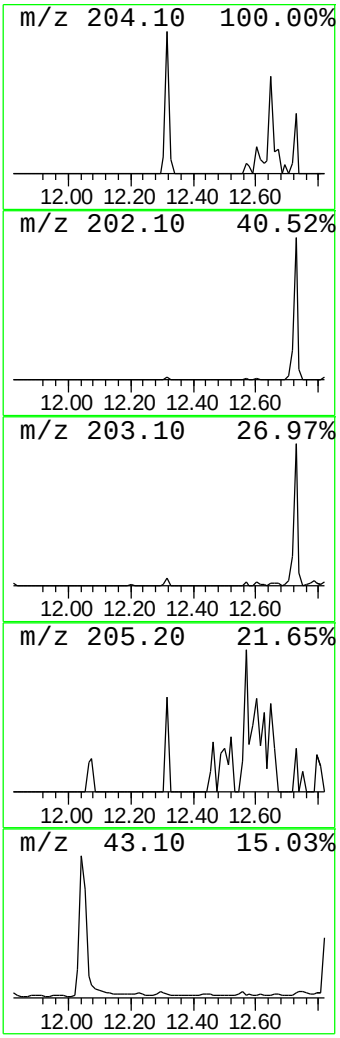
****

Peak Number 10 Naphthalene, 2-phenyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.32	2.20 ng	125098	Phenanthrene-d10	11.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	64
3	2-Phenylnaphthalene	204	C16H12	035465-71-5	52
4	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	50
5	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	49





Data Path : Z:\HPCHEM1\BNA F\DATA\BF012417\
Data File : BF092431.D
Acq On : 24 Jan 2017 16:19
Operator : UM/SJ
Sample : I1304-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1634-NOTTINGHAM-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

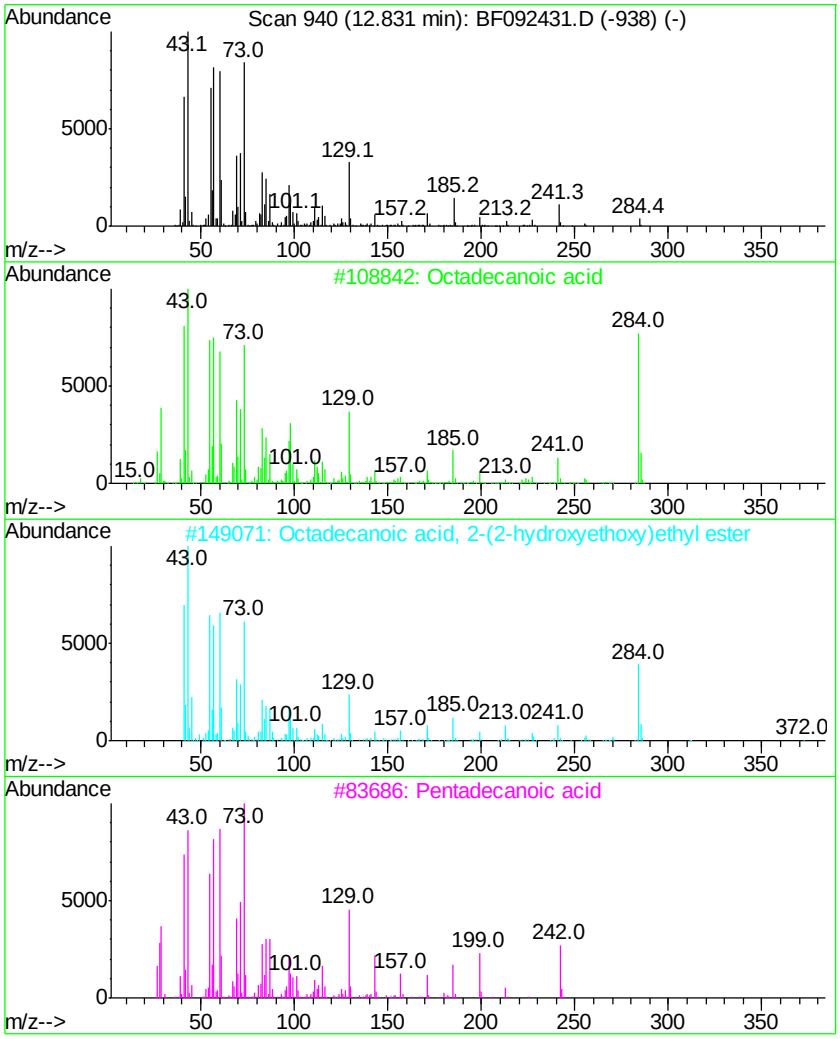
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

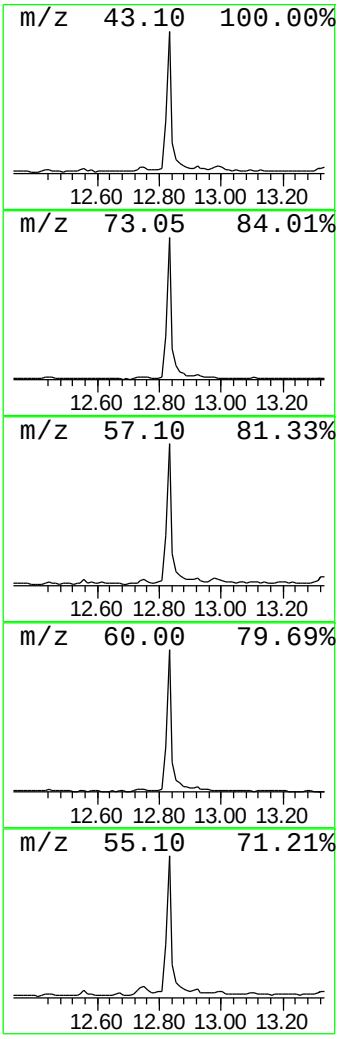
****

Peak Number 11 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.83	36.35 ng	2067230	Phenanthrene-d10	11.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	96
2	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	72
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	72
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	59
5	n-Decanoic acid	172	C10H20O2	000334-48-5	53





Data Path : Z:\HPCHEM1\BNA F\DATA\BF012417\
Data File : BF092431.D
Acq On : 24 Jan 2017 16:19
Operator : UM/SJ
Sample : I1304-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
1634-NOTTINGHAM-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

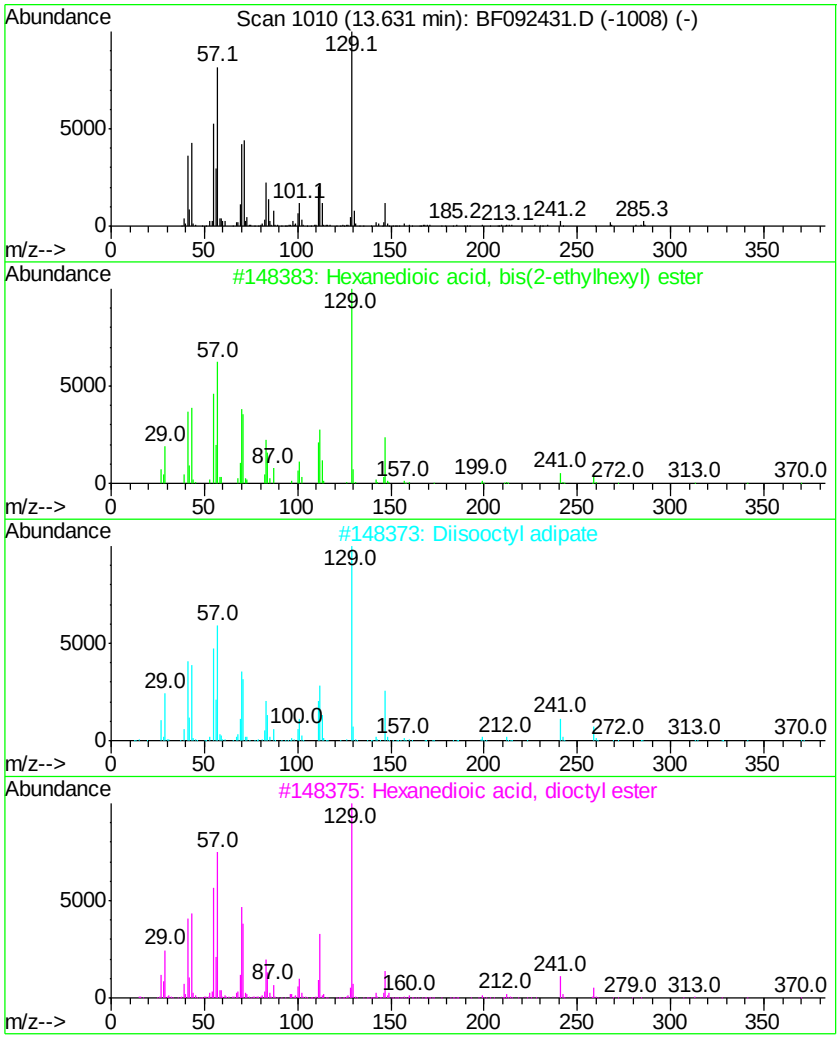
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

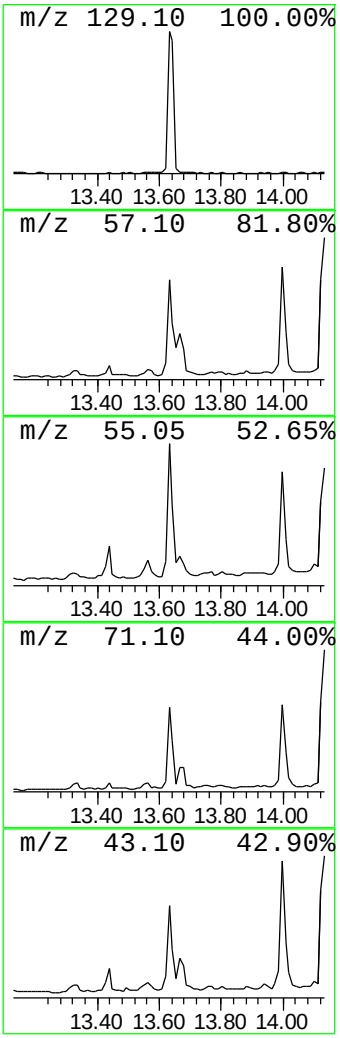
****

Peak Number 12 Hexanedioic acid, bis(2-eth... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.63	5.57 ng	989192	Chrysene-d12	14.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	80
2	Diisooctyl adipate	370	C22H42O4	001330-86-5	72
3	Hexanedioic acid, dioctyl ester	370	C22H42O4	000123-79-5	52
4	Hexanedioic acid, mono(2-ethylhe...	258	C14H26O4	004337-65-9	47
5	dl-2-Ethylhexyl chloroformate	192	C9H17ClO2	024468-13-1	27





Data Path : Z:\HPCHEM1\BNA F\DATA\BF012417\
Data File : BF092431.D
Acq On : 24 Jan 2017 16:19
Operator : UM/SJ
Sample : I1304-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1634-NOTTINGHAM-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

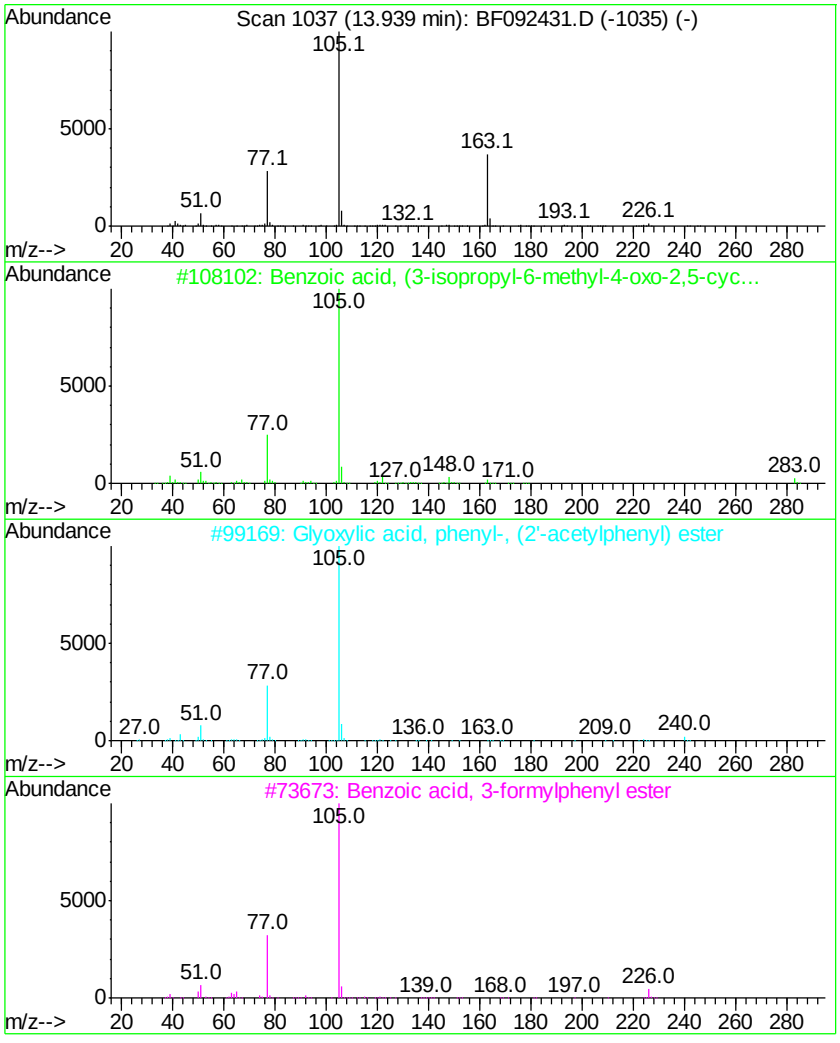
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

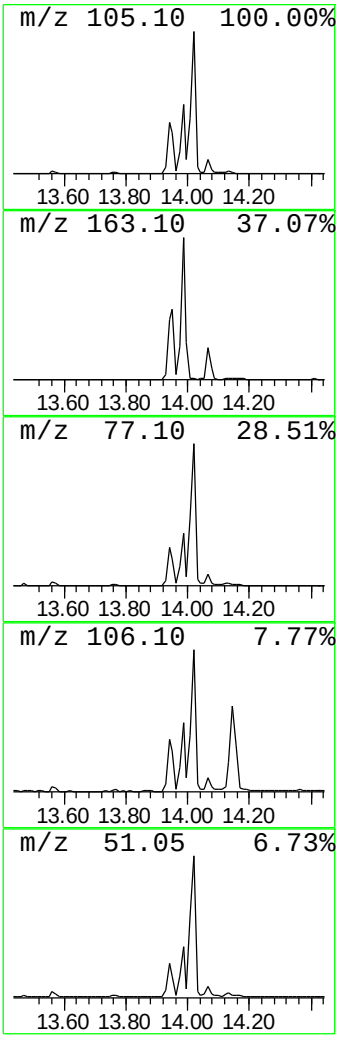
****

Peak Number 13 Benzoic acid, (3-isopropyl-... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.94	4.16 ng	740225	Chrysene-d12	14.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, (3-isopropyl-6-met...	283	C17H17NO3	039870-46-7	50
2	Glyoxylic acid, phenyl-, (2'-ace...	268	C16H12O4	166538-12-1	50
3	Benzoic acid, 3-formylphenyl ester	226	C14H10O3	033696-06-9	50
4	2,3,4-O-Tribenzoyl-l-ribopyranos...	464	C26H21FO7	1000129-81-2	50
5	1,2-Bis(benzoyloxy)benzene	318	C20H14O4	000643-94-7	47





Data Path : Z:\HPCHEM1\BNA F\DATA\BF012417\
Data File : BF092431.D
Acq On : 24 Jan 2017 16:19
Operator : UM/SJ
Sample : I1304-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1634-NOTTINGHAM-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

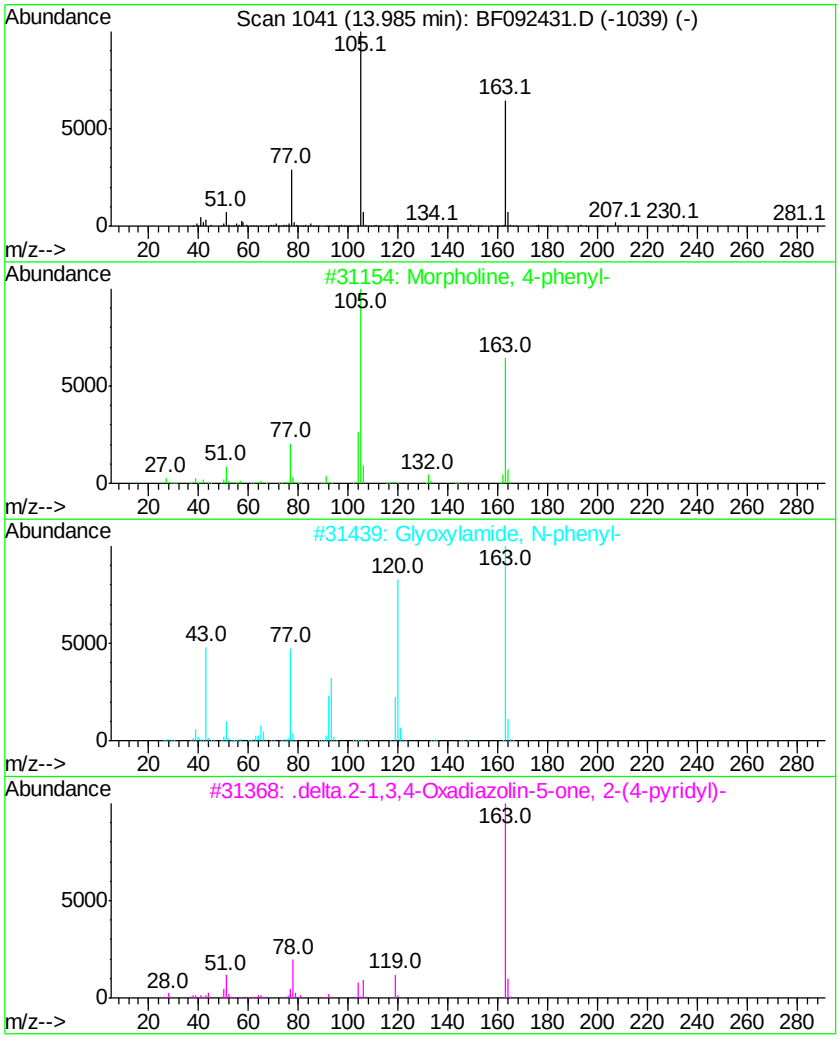
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

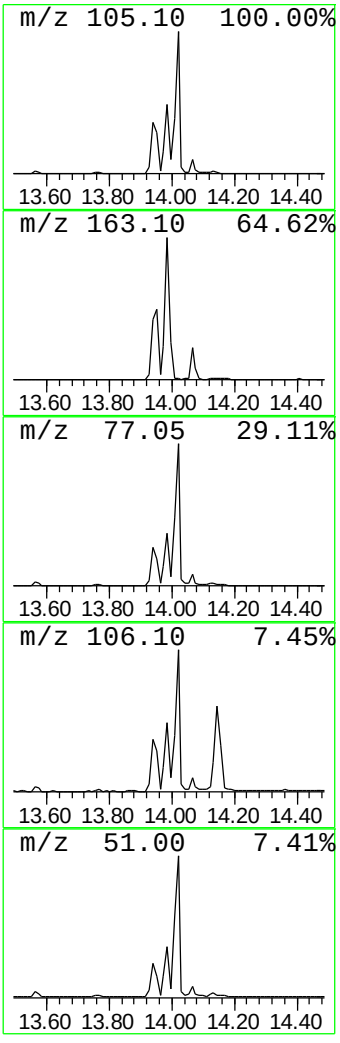
****

Peak Number 14 Morpholine, 4-phenyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.99	7.13 ng	1267250	Chrysene-d12	14.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Morpholine, 4-phenyl-	163	C10H13NO	000092-53-5	59
2	Glyoxylamide, N-phenyl-	163	C9H9NO2	032331-52-5	47
3	.delta.2-1,3,4-Oxadiazolin-5-one...	163	C7H5N3O2	002845-82-1	38
4	Benzamide, N-hydroxy-N-(2-hydrox...	287	C16H17NO4	309921-11-7	35
5	Glyoxylic acid, phenyl-, (2'-ace...	268	C16H12O4	166538-12-1	35





Data Path : Z:\HPCHEM1\BNA F\DATA\BF012417\
Data File : BF092431.D
Acq On : 24 Jan 2017 16:19
Operator : UM/SJ
Sample : I1304-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1634-NOTTINGHAM-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

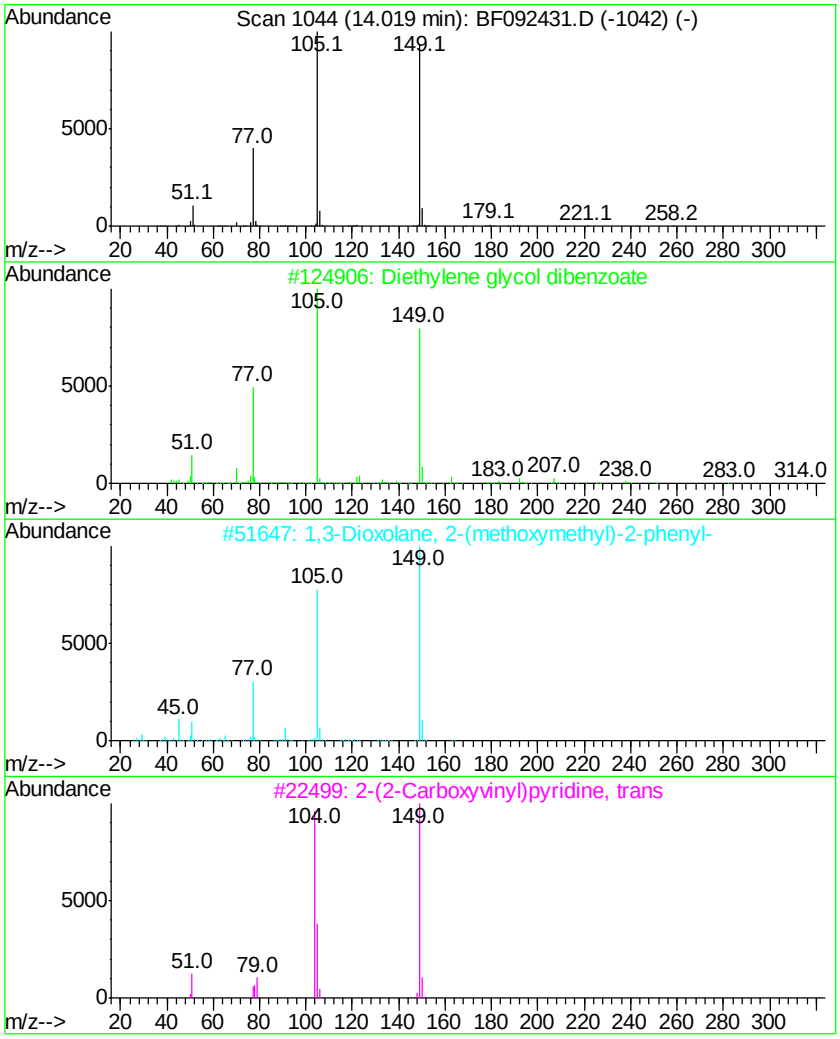
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

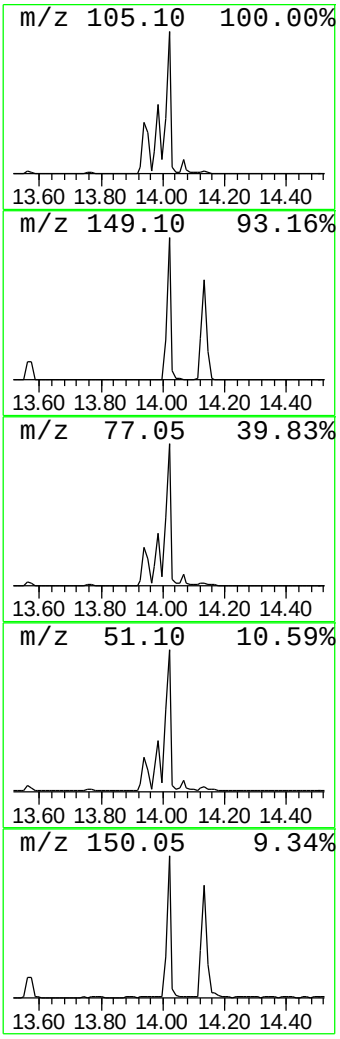
****

Peak Number 15 Diethylene glycol dibenzoate Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.02	10.87 ng	1931300	Chrysene-d12	14.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diethylene glycol dibenzoate	314	C18H18O5	000120-55-8	78
2	1,3-Dioxolane, 2-(methoxymethyl)...	194	C11H14O3	1000156-71-2	72
3	2-(2-Carboxyvinyl)pyridine, trans	149	C8H7NO2	007340-22-9	52
4	2,3-Dimethyl-4a,8a-diphenyl-hexa...	326	C20H22O4	1000297-07-0	37
5	Benzeneacetic acid, .alpha.-oxo-...	178	C10H10O3	001603-79-8	35





Data Path : Z:\HPCHEM1\BNA F\DATA\BF012417\
Data File : BF092431.D
Acq On : 24 Jan 2017 16:19
Operator : UM/SJ
Sample : I1304-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1634-NOTTINGHAM-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

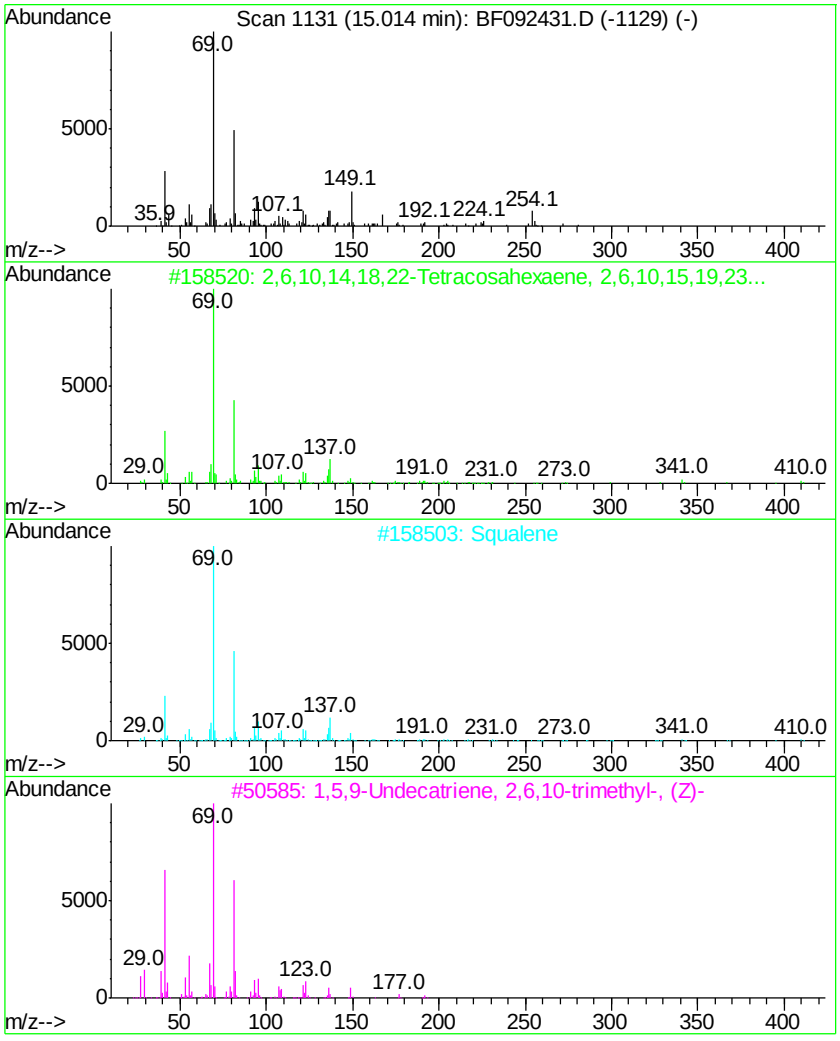
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

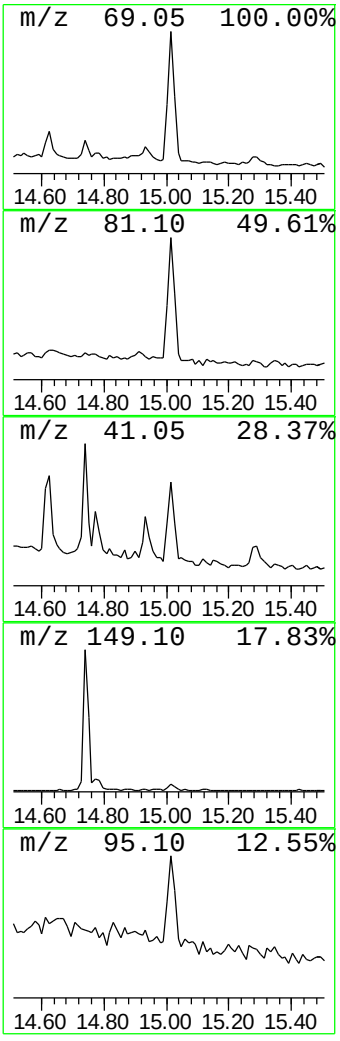
****

Peak Number 17 2,6,10,14,18,22-Tetracosahe... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.01	4.37 ng	187520	Perylene-d12	15.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6,10,14,18,22-Tetracosahexaene...	410	C30H50	000111-02-4	74
2	Squalene	410	C30H50	007683-64-9	68
3	1,5,9-Undecatriene, 2,6,10-trime...	192	C14H24	062951-96-6	68
4	7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	68
5	4,9,13,17-Tetramethyl-4,8,12,16-...	316	C22H36O	056882-09-8	64





Data Path : Z:\HPCHEM1\BNA F\DATA\BF012417\
Data File : BF092431.D
Acq On : 24 Jan 2017 16:19
Operator : UM/SJ
Sample : I1304-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
1634-NOTTINGHAM-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

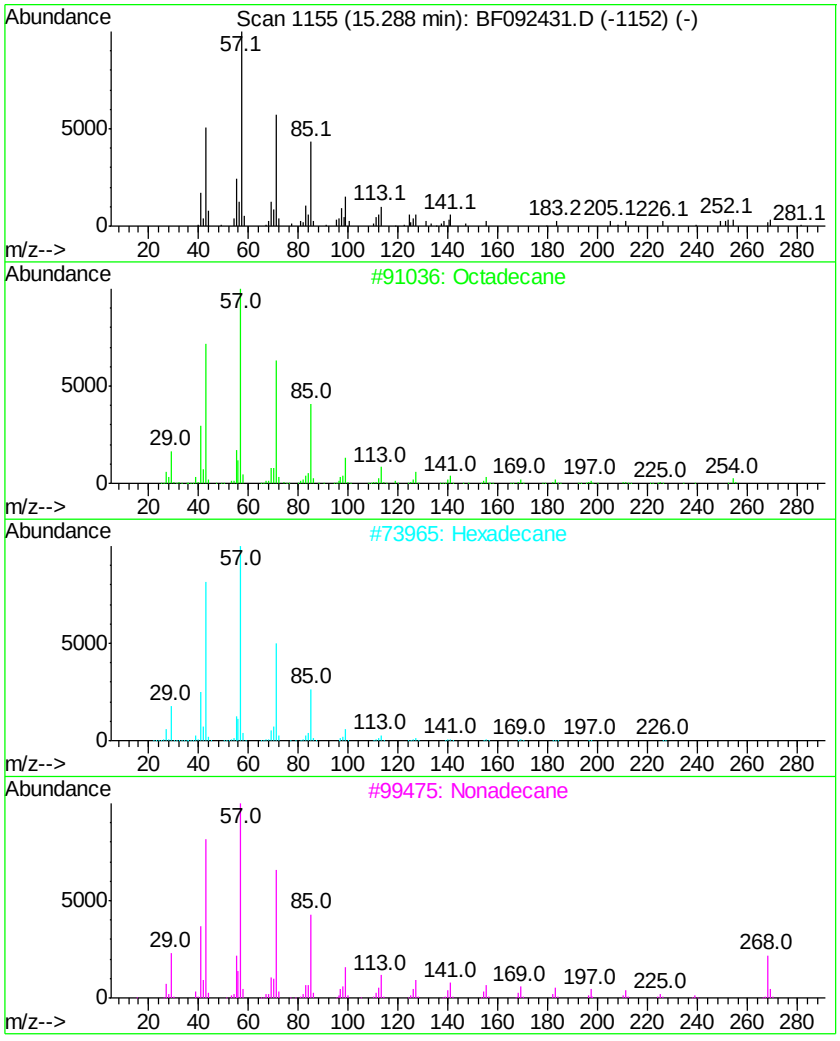
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

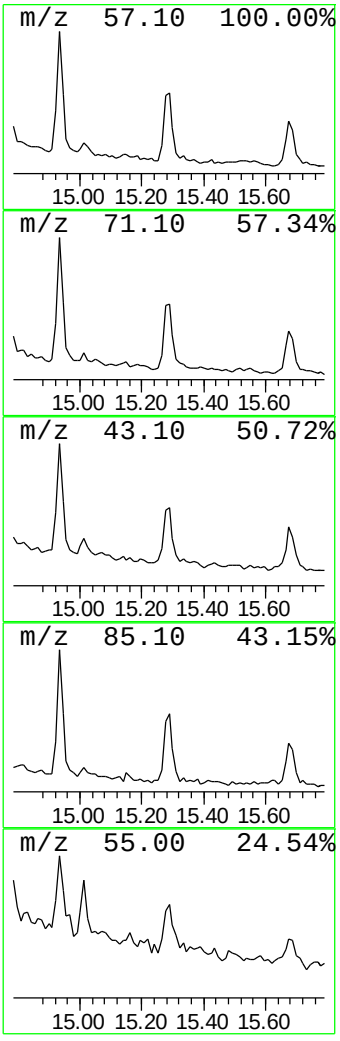
****

Peak Number 18 Octadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.29	3.24 ng	139144	Perylene-d12	15.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	96
2	Hexadecane	226	C16H34	000544-76-3	93
3	Nonadecane	268	C19H40	000629-92-5	91
4	Heneicosane	296	C21H44	000629-94-7	90
5	Hentriacontane	437	C31H64	000630-04-6	87





Data Path : Z:\HPCHEM1\BNA F\DATA\BF012417\
Data File : BF092431.D
Acq On : 24 Jan 2017 16:19
Operator : UM/SJ
Sample : I1304-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1634-NOTTINGHAM-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

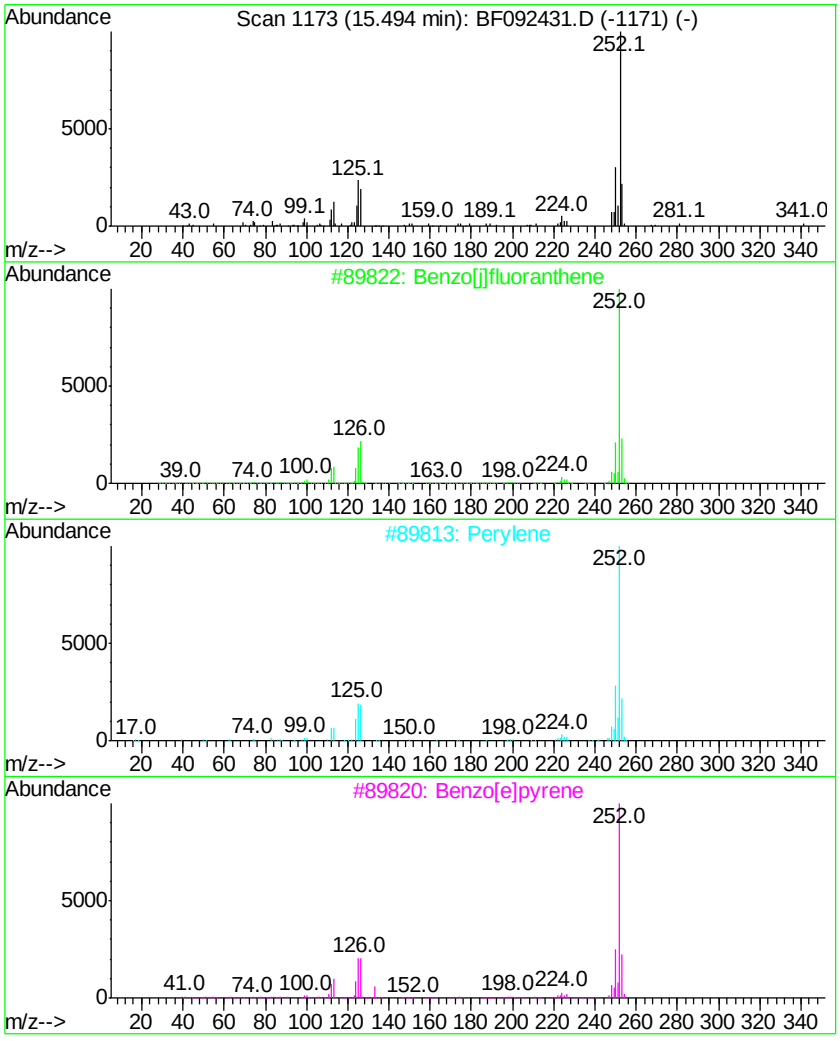
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

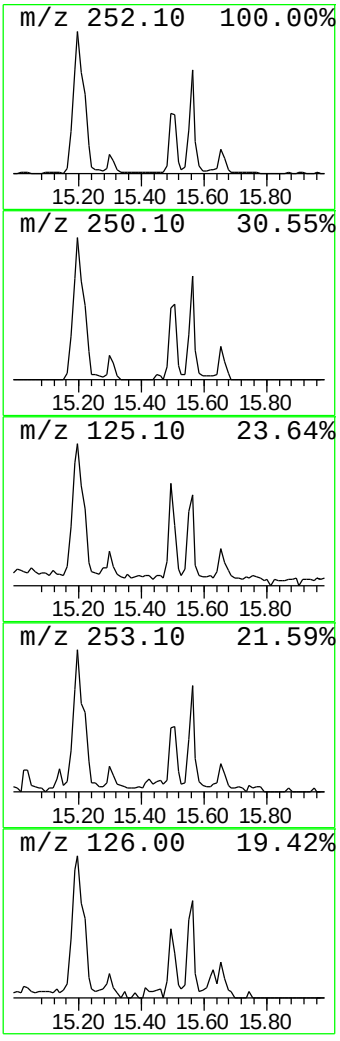
****

Peak Number 19 Benzo[j]fluoranthene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.49	2.63 ng	113106	Perylene-d12	15.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[j]fluoranthene	252	C20H12	000205-82-3	93
2	Perylene	252	C20H12	000198-55-0	93
3	Benzo[e]pyrene	252	C20H12	000192-97-2	93
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
5	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012417\
Data File : BF092431.D
Acq On : 24 Jan 2017 16:19
Operator : UM/SJ
Sample : I1304-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1634-NOTTINGHAM-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012417.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...	5.16	45.1	ng	2184540	1	6.97	969408	20.0
unknown6.02	6.02	2.2	ng	107910	1	6.97	969408	20.0
unknown6.74	6.74	100.0	ng	4846770	1	6.97	969408	20.0
Nonanoic acid	10.12	2.4	ng	147846	3	10.03	1251100	20.0
Hexadecane	10.93	2.5	ng	142230	4	11.52	1137560	20.0
unknown11.14	11.14	2.2	ng	123150	4	11.52	1137560	20.0
n-Hexadecanoic acid	12.04	41.8	ng	2375140	4	11.52	1137560	20.0
6H-Cyclobuta[jk]p...	12.13	2.3	ng	130985	4	11.52	1137560	20.0
Naphthalene, 2-ph...	12.32	2.2	ng	125098	4	11.52	1137560	20.0
Octadecanoic acid	12.83	36.4	ng	2067230	4	11.52	1137560	20.0
Hexanedioic acid,...	13.63	5.6	ng	989192	5	14.16	3554780	20.0
Benzoic acid, (3-...	13.94	4.2	ng	740225	5	14.16	3554780	20.0
Morpholine, 4-phe...	13.99	7.1	ng	1267250	5	14.16	3554780	20.0
Diethylene glycol...	14.02	10.9	ng	1931300	5	14.16	3554780	20.0
2,6,10,14,18,22-T...	15.01	4.4	ng	187520	6	15.63	859068	20.0
Octadecane	15.29	3.2	ng	139144	6	15.63	859068	20.0
Benzo[j]fluoranthene	15.49	2.6	ng	113106	6	15.63	859068	20.0