LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051216\
Data File : BF086943.D
Acq On : 12 May 2016 21:21
Operator : UM/SJ
Sample : H2968-08
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-01

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-BF050916.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	1.632	3	4	12	rVB	322538	539626	9.36%	1.036%
2	1.747	12	14	49	rVB	2621204	5763449	100.00%	11.060%
3	4.764	275	278	286	rBV	147661	245782	4.26%	0.472%
4	5.210	315	317	320	rBV	2514729	3243579	56.28%	6.224%
5	6.296	409	412	414	rBV	2517171	3709257	64.36%	7.118%
6	6.399	418	421	423	rBV	3352379	3694361	64.10%	7.089%
7	6.616	438	440	443	rBV	1048049	1154116	20.02%	2.215%
8	6.776	451	454	456	rBV	3020066	2677345	46.45%	5.138%
9	7.199	488	491	493	rBV	2164969	2575414	44.69%	4.942%
10	7.324	500	502	507	rVB	60750	75276	1.31%	0.144%
11	7.907	551	553	556	rBV	1759618	1576371	27.35%	3.025%
12	8.993	645	648	650	rBV	2877232	3712759	64.42%	7.125%
13	9.119	657	659	660	rBV	88678	88012	1.53%	0.169%
14	9.393	680	683	684	rBV	561971	676168	11.73%	1.298%
15	9.599	699	701	703	rBV	153281	145918	2.53%	0.280%
16	9.656	703	706	708	rVV	1801902	1642340	28.50%	3.152%
17	10.102	741	745	746	rBV	196701	199988	3.47%	0.384%
18	10.319	761	764	767	rBV	58739	89639	1.56%	0.172%
19	10.445	772	775	777	rBV	2215357	2146206	37.24%	4.118%
20	10.570	784	786	792	rVB	225286	243054	4.22%	0.466%
21	10.662	792	794	799	rVB	73344	102488	1.78%	0.197%
22	10.822	807	808	810	rBV	49713	58578	1.02%	0.112%
23	11.016	823	825	826	rBV	132990	113534	1.97%	0.218%
24	11.108	831	833	834	rBV	224426	294608	5.11%	0.565%
25	11.131	834	835	839	rVV	1583481	1599825	27.76%	3.070%
26	11.211	839	842	844	rVB3	45476	83111	1.44%	0.159%
27	11.382	854	857	860	rBV	266102	459502	7.97%	0.882%
28	11.439	860	862	869	rVB	69721	109374	1.90%	0.210%
29	11.611	874	877	878	rBV	159997	195182	3.39%	0.375%
30	11.645	878	880	882	rVB	168164	177156	3.07%	0.340%
31	11.691	882	884	886	rBV	752865	839619	14.57%	1.611%
32	11.851	895	898	904	rVV	79337	162688	2.82%	0.312%
33	12.193	926	928	933	rBV	462739	652483	11.32%	1.252%
34	12.342	939	941	942	rBV	146608	192584	3.34%	0.370%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051216\
Data File : BF086943.D
Acq On : 12 May 2016 21:21
Operator : UM/SJ
Sample : H2968-08
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-01

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-BF050916.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.399	942	946	949	rVV2	103894	255883	4.44%	0.491%
36	12.468	949	952	958	rVV	385633	523609	9.08%	1.005%
37	12.559	958	960	962	rVV	178619	211105	3.66%	0.405%
38	12.605	962	964	967	rVB2	42147	61484	1.07%	0.118%
39	12.719	971	974	976	rVV	2230536	2363189	41.00%	4.535%
40	12.959	992	995	997	rBV	65549	82557	1.43%	0.158%
41	13.176	1012	1014	1020	rVB3	52250	104462	1.81%	0.200%
42	13.291	1020	1024	1029	rVB4	25915	67479	1.17%	0.129%
43	13.622	1051	1053	1061	rVB	285223	410649	7.13%	0.788%
44	13.759	1062	1065	1067	rBV	1324347	1411888	24.50%	2.709%
45	14.251	1105	1108	1115	rBV	346153	589831	10.23%	1.132%
46	14.537	1129	1133	1137	rBV2	55284	115856	2.01%	0.222%
47	14.605	1137	1139	1142	rVB	51222	59443	1.03%	0.114%
48	14.662	1142	1144	1147	rVB	430822	494909	8.59%	0.950%
49	14.754	1150	1152	1156	rBV	91958	161492	2.80%	0.310%
50	14.834	1156	1159	1160	rBV	550954	620563	10.77%	1.191%
51	14.857	1160	1161	1170	rVB	464283	674395	11.70%	1.294%
52	15.062	1177	1179	1182	rVB	60621	72377	1.26%	0.139%
53	15.120	1182	1184	1186	rBV	908443	1016652	17.64%	1.951%
54	15.325	1200	1202	1205	rVB	138454	165553	2.87%	0.318%
55	15.520	1216	1219	1222	rBV	457834	671986	11.66%	1.289%
56	15.577	1222	1224	1227	rBV3	57255	120062	2.08%	0.230%
57	15.725	1235	1237	1241	rVB2	29861	61388	1.07%	0.118%
58	16.057	1263	1266	1274	rVB7	30927	86026	1.49%	0.165%
59	16.182	1274	1277	1281	rBV2	86657	158493	2.75%	0.304%
60	16.365	1289	1293	1296	rBV2	92601	209744	3.64%	0.402%
61	16.434	1296	1299	1302	rVV	198250	351587	6.10%	0.675%
62	16.502	1302	1305	1310	rVV5	42420	129712	2.25%	0.249%
63	16.834	1330	1334	1343	rBV2	196687	654342	11.35%	1.256%
64	17.005	1346	1349	1351	rVV	71306	145845	2.53%	0.280%
65	17.360	1378	1380	1389	rVB4	43614	132189	2.29%	0.254%
66	17.680	1404	1408	1414	rBV	115739	319924	5.55%	0.614%
67	17.920	1425	1429	1432	rBV2	26624	74445	1.29%	0.143%
68	18.411	1467	1472	1478	rBV3	46551	174584	3.03%	0.335%
69	18.537	1480	1483	1491	rVB4	41160	119188	2.07%	0.229%

Sum of corrected areas: 52112283

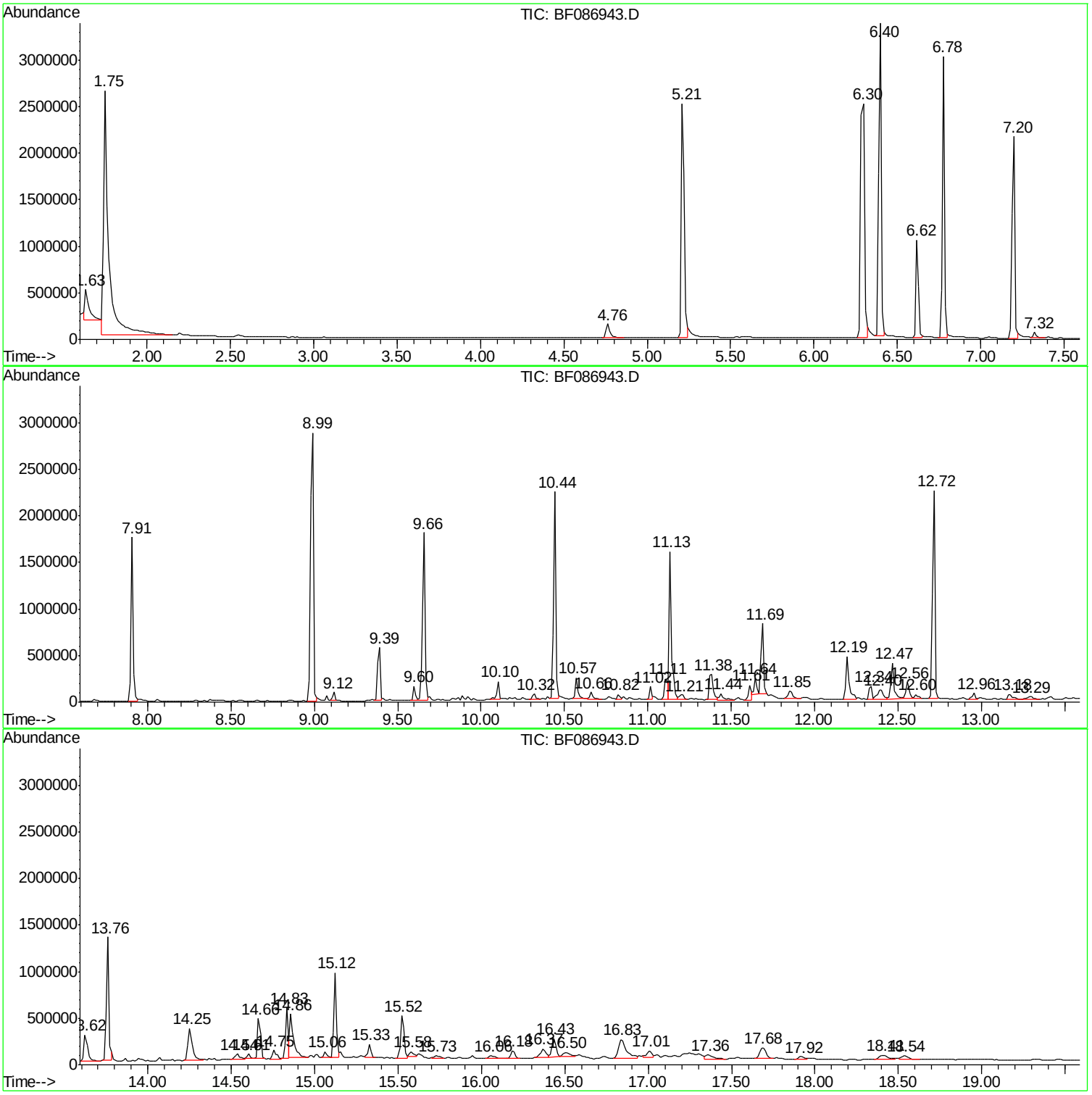
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051216\
Data File : BF086943.D
Acq On : 12 May 2016 21:21
Operator : UM/SJ
Sample : H2968-08
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.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\BF051216\
Data File : BF086943.D
Acq On : 12 May 2016 21:21
Operator : UM/SJ
Sample : H2968-08
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

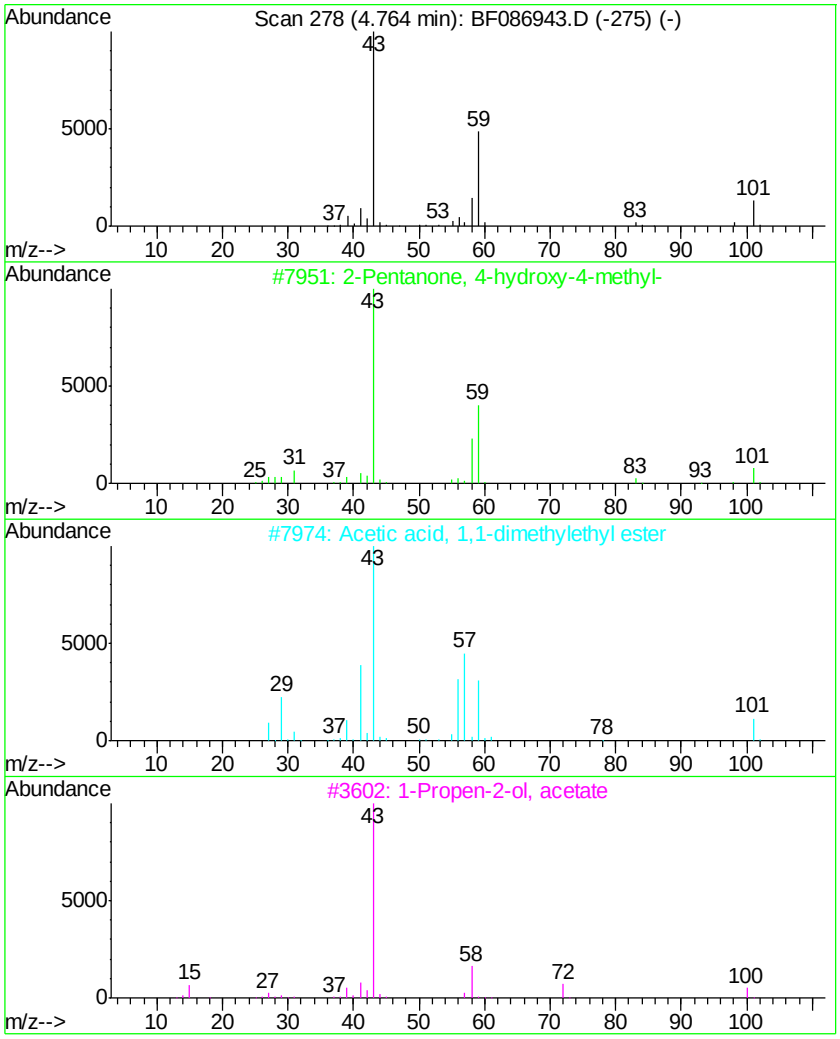
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

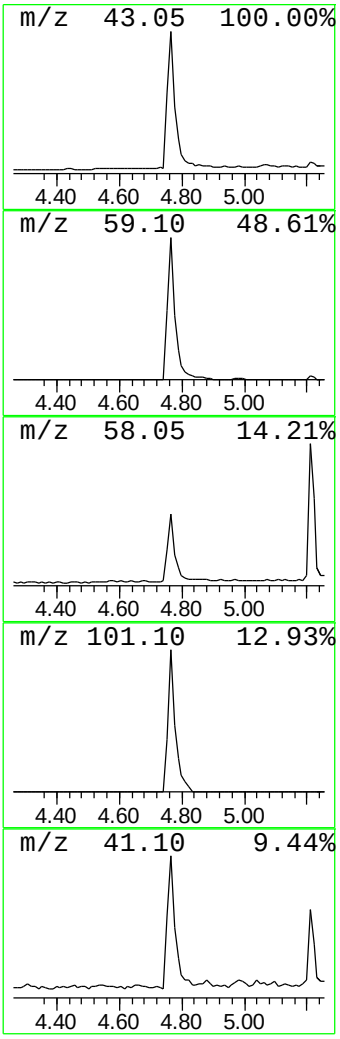
****

Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.76	4.26 ng	245782	1,4-Dichlorobenzene-d4	6.62

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	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	9
4	1-Butene, 4-ethoxy-	100	C6H12O	044611-46-3	9
5	4-Penten-2-one, 4-methyl-	98	C6H10O	003744-02-3	8





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051216\
Data File : BF086943.D
Acq On : 12 May 2016 21:21
Operator : UM/SJ
Sample : H2968-08
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

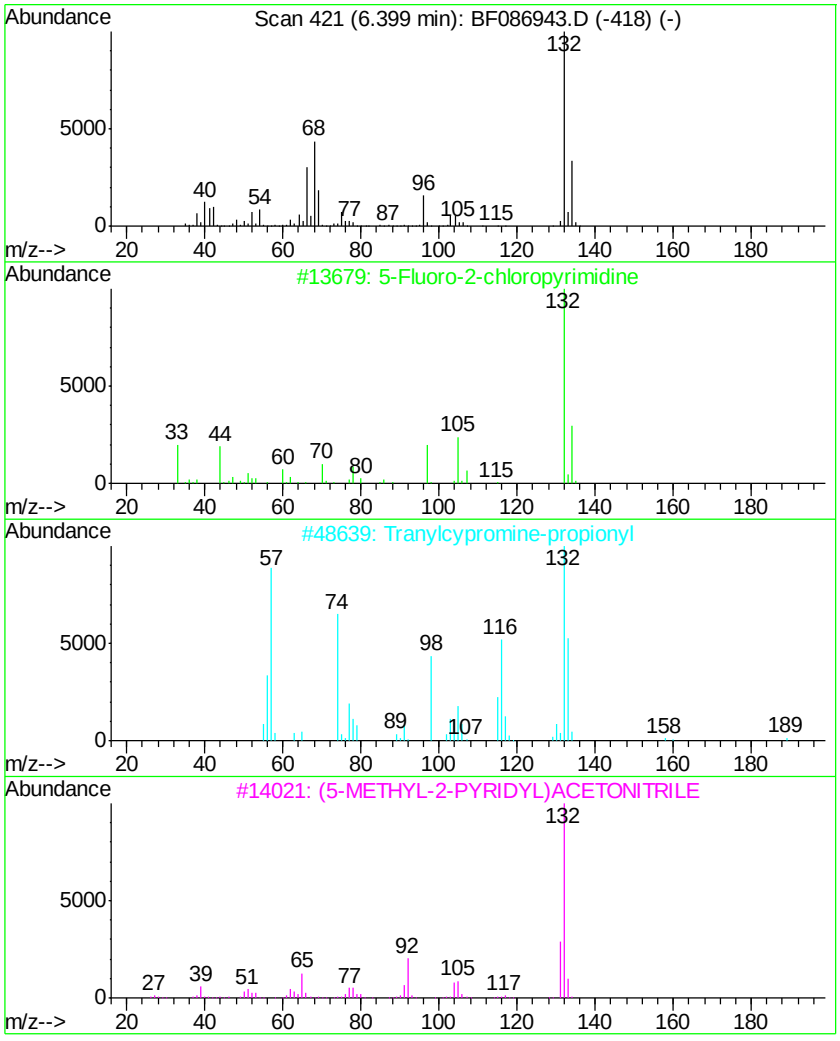
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

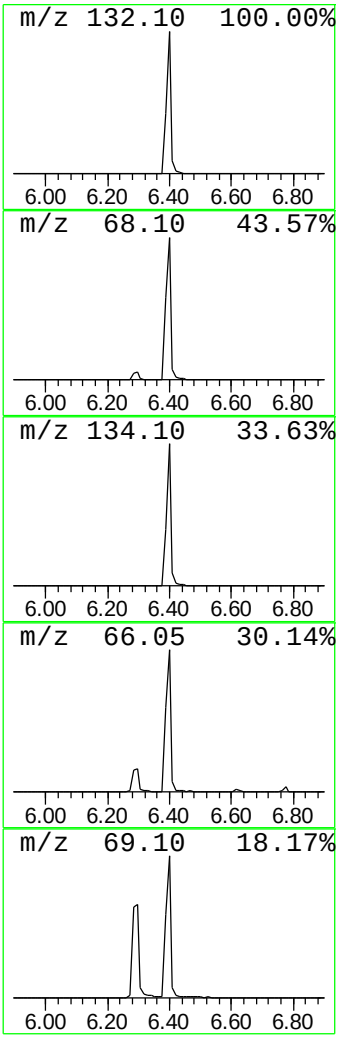
****

Peak Number 4 unknown6.40 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.40	64.02 ng	3694360	1,4-Dichlorobenzene-d4	6.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
3	(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10
4	Xenon	132	Xe	007440-63-3	9
5	Benzene, 1,2,4-trifluoro-	132	C6H3F3	000367-23-7	9





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051216\
Data File : BF086943.D
Acq On : 12 May 2016 21:21
Operator : UM/SJ
Sample : H2968-08
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

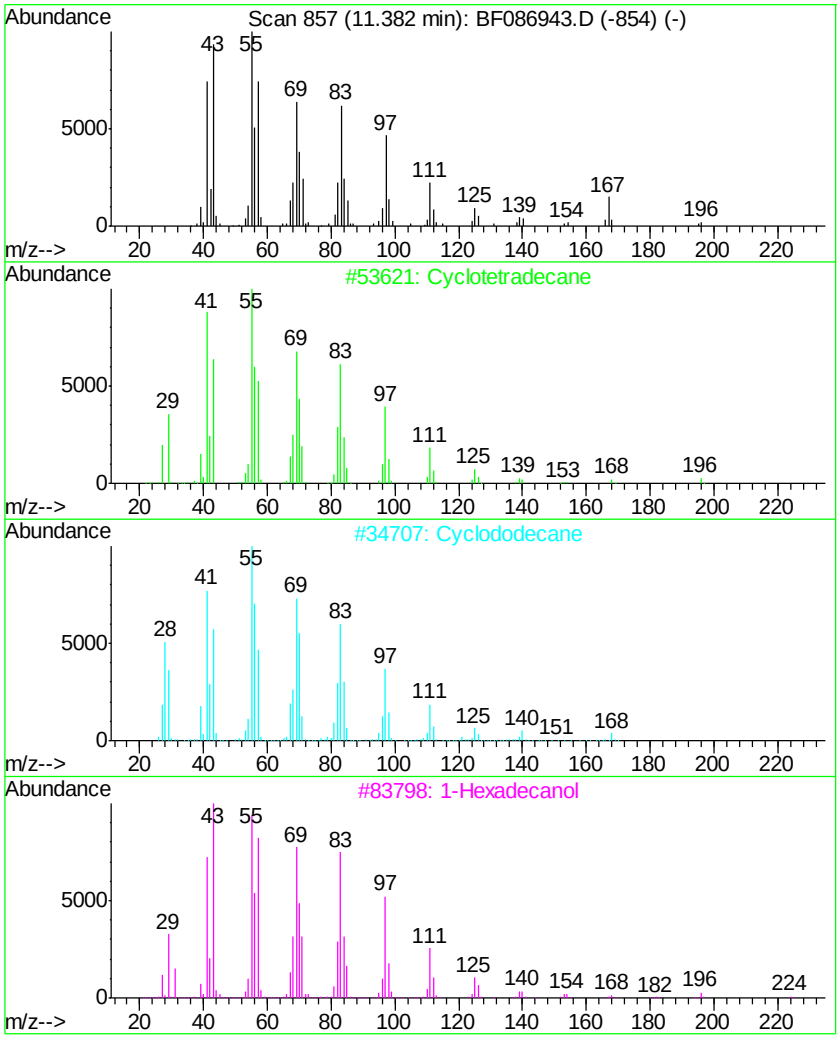
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

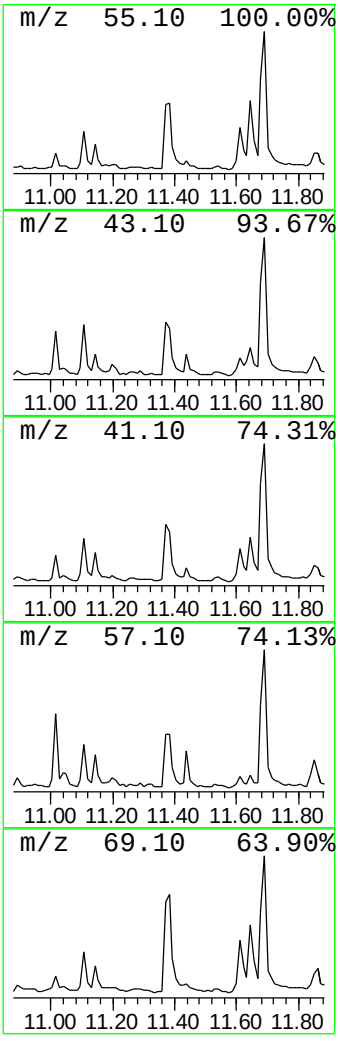
****

Peak Number 6 Cyclotetradecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.38	5.74 ng	459502	Phenanthrene-d10	11.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetradecane	196	C14H28	000295-17-0	98
2	Cyclododecane	168	C12H24	000294-62-2	96
3	1-Hexadecanol	242	C16H34O	036653-82-4	95
4	1-Tetradecene	196	C14H28	001120-36-1	94
5	1-Hexadecene	224	C16H32	000629-73-2	91





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051216\
Data File : BF086943.D
Acq On : 12 May 2016 21:21
Operator : UM/SJ
Sample : H2968-08
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

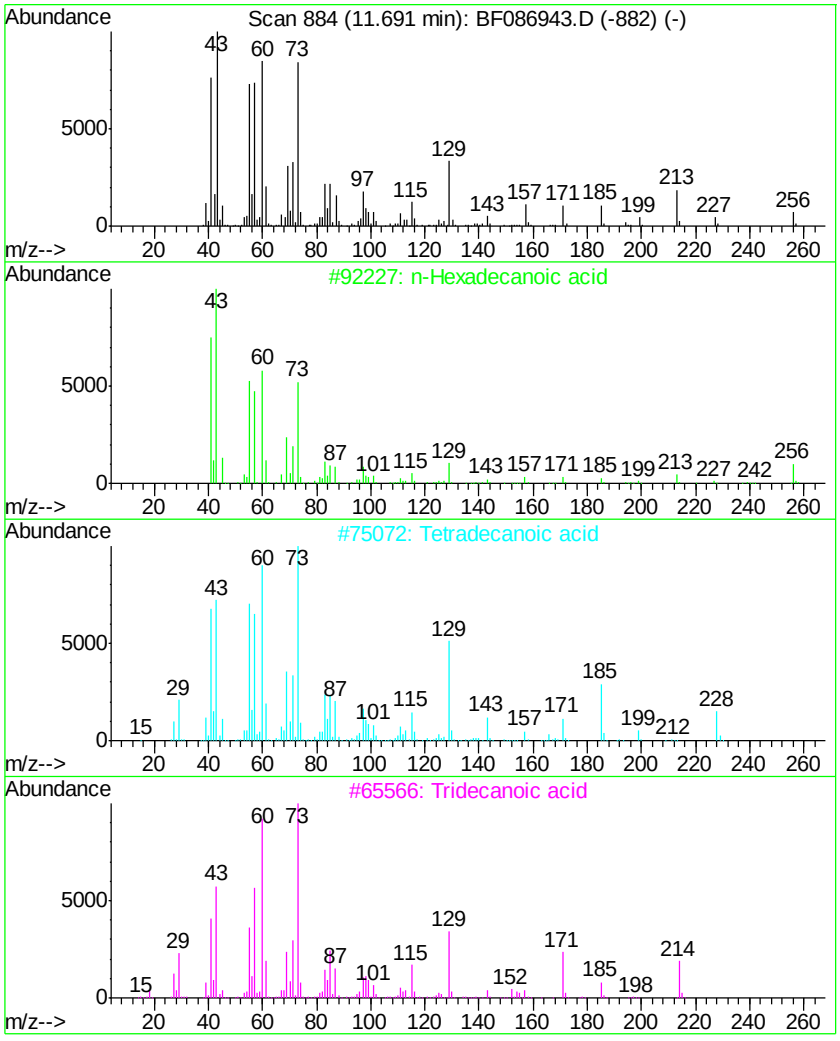
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

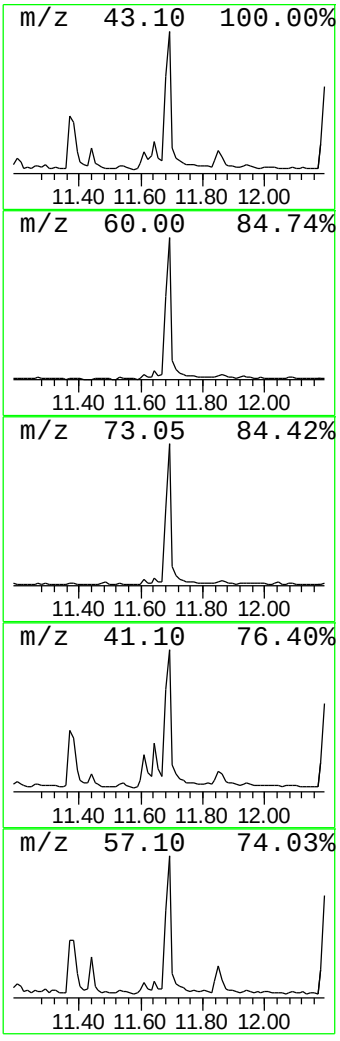
****

Peak Number 7 n-Hexadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.69	10.50 ng	839619	Phenanthrene-d10	11.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	92
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	86
3	Tridecanoic acid	214	C13H26O2	000638-53-9	83
4	Undecanoic acid	186	C11H22O2	000112-37-8	64
5	n-Decanoic acid	172	C10H20O2	000334-48-5	53





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051216\
Data File : BF086943.D
Acq On : 12 May 2016 21:21
Operator : UM/SJ
Sample : H2968-08
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

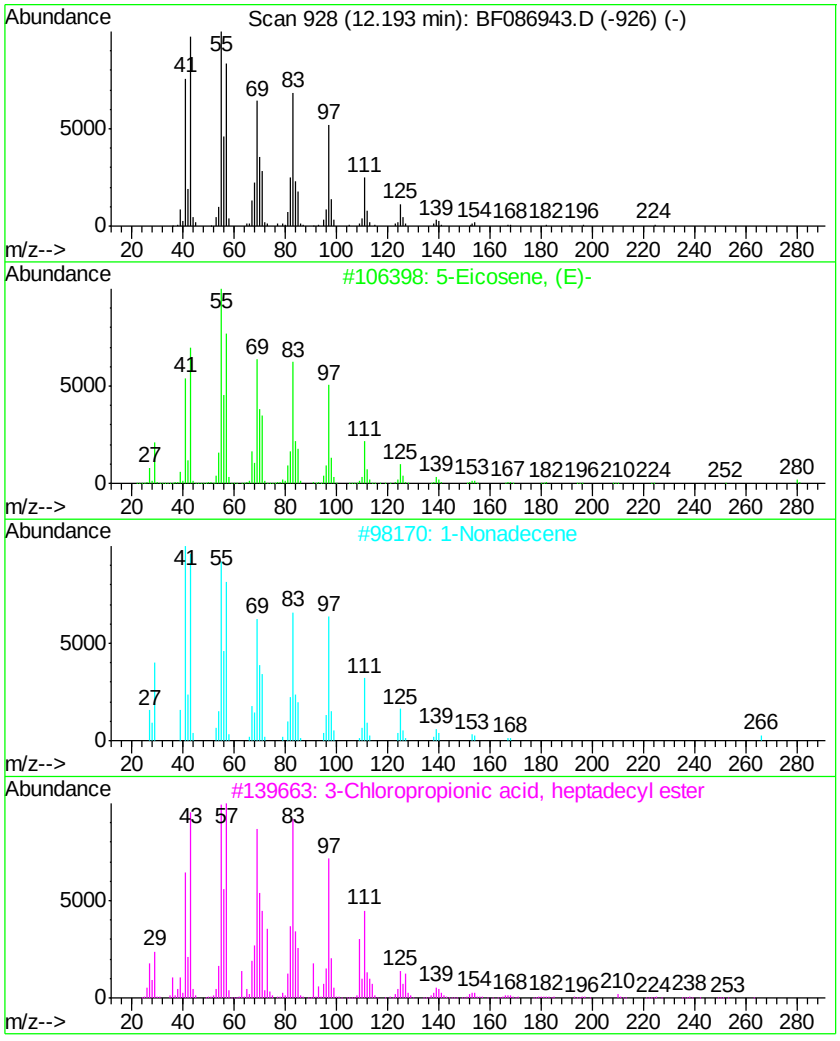
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

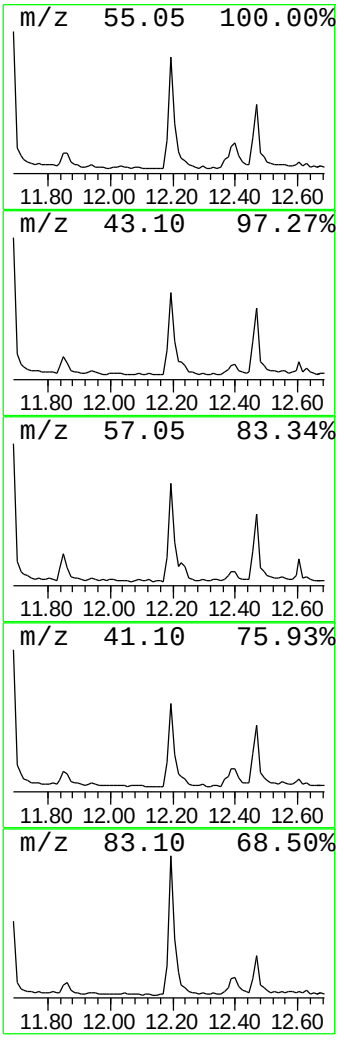
****

Peak Number 8 5-Eicosene, (E)- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.19	8.16 ng	652483	Phenanthrene-d10	11.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	93
2	1-Nonadecene	266	C19H38	018435-45-5	91
3	3-Chloropropionic acid, heptadec...	346	C20H39ClO2	1000283-05-1	91
4	3-Eicosene, (E)-	280	C20H40	074685-33-9	91
5	9-Eicosene, (E)-	280	C20H40	074685-29-3	91





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051216\
Data File : BF086943.D
Acq On : 12 May 2016 21:21
Operator : UM/SJ
Sample : H2968-08
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

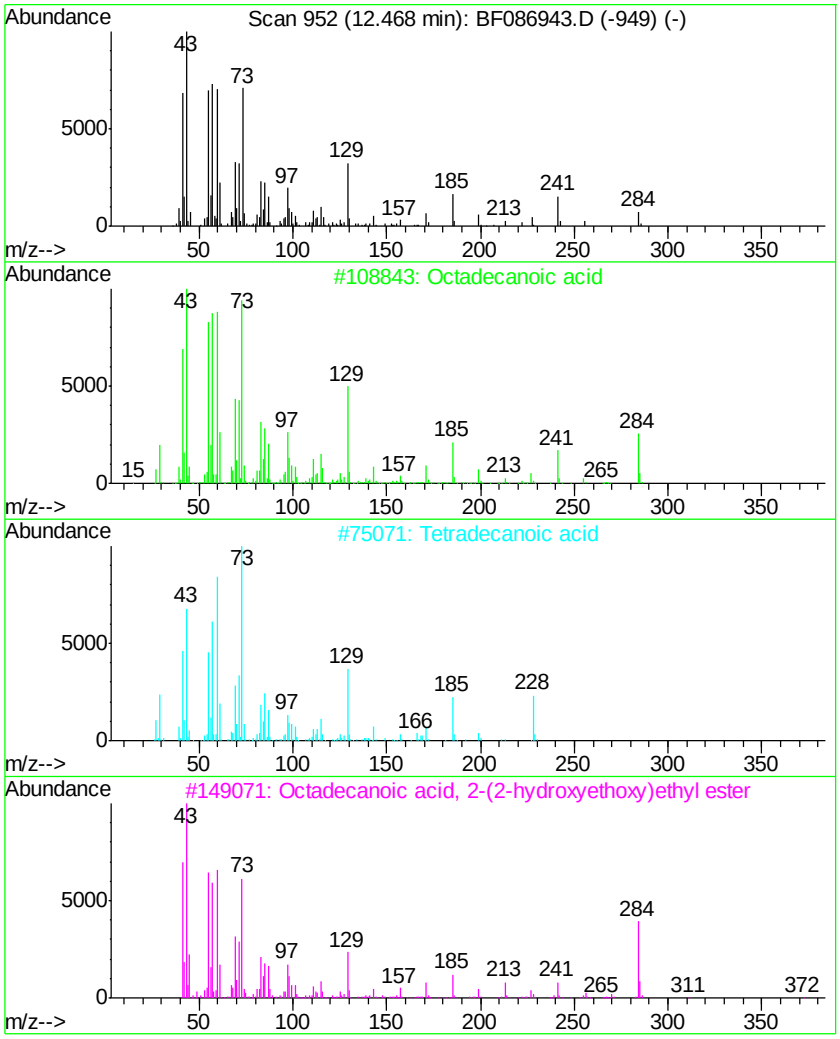
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

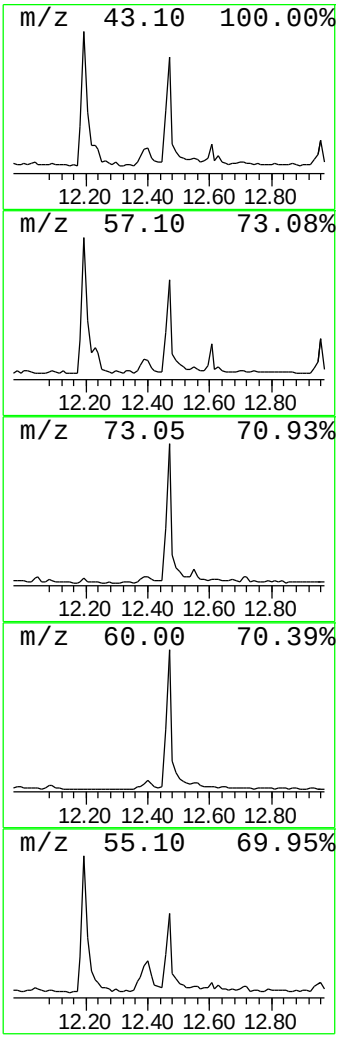
****

Peak Number 9 Octadecanoic acid Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.47	7.42 ng	523609	Chrysene-d12	13.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	94
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	62
3	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	59
4	n-Decanoic acid	172	C10H20O2	000334-48-5	49
5	Undecanoic acid	186	C11H22O2	000112-37-8	47





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051216\
Data File : BF086943.D
Acq On : 12 May 2016 21:21
Operator : UM/SJ
Sample : H2968-08
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

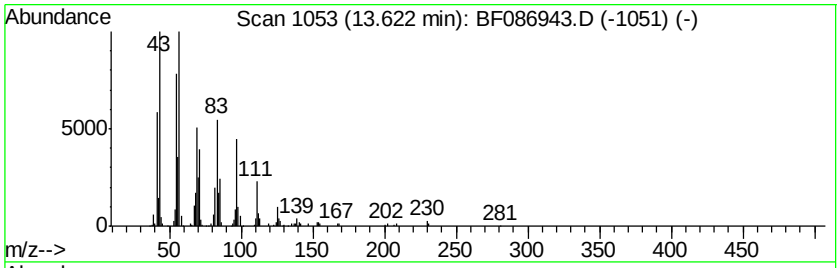
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

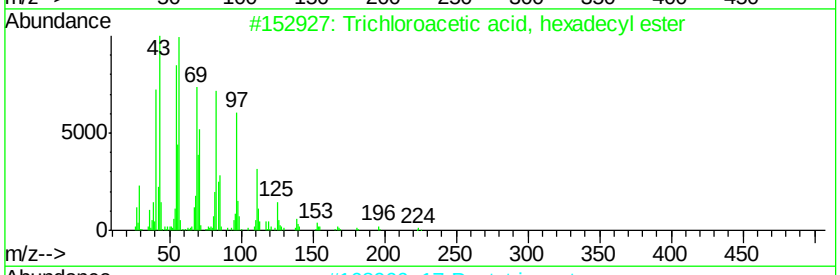
****

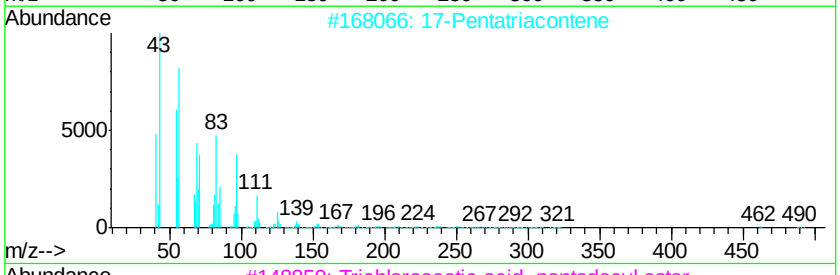
Peak Number 10 Trichloroacetic acid, hexad... Concentration Rank 16

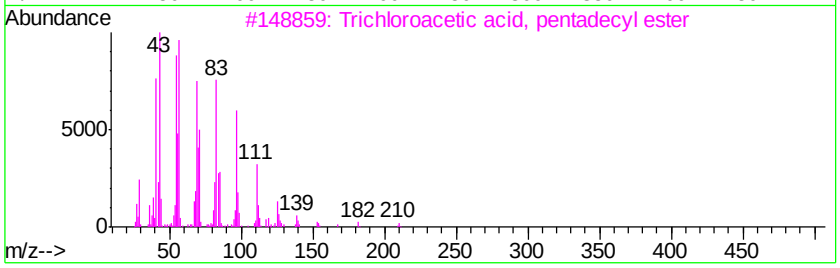
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.62	5.82 ng	410649	Chrysene-d12	13.76

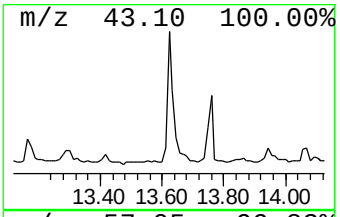
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
2	17-Pentatriacontene	491	C35H70	006971-40-0	91
3	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	90
4	1-Docosene	308	C22H44	001599-67-3	87
5	Dichloroacetic acid, tetradecyl ...	324	C16H30Cl2O2	083005-02-1	87

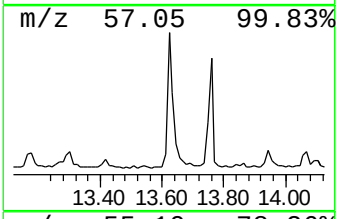


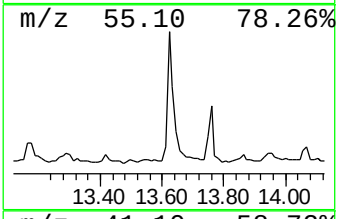


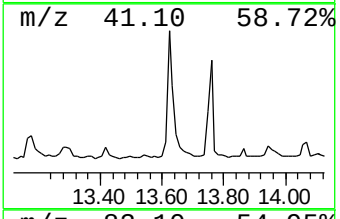


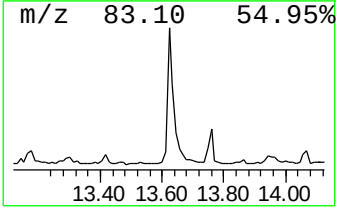












Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051216\
Data File : BF086943.D
Acq On : 12 May 2016 21:21
Operator : UM/SJ
Sample : H2968-08
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

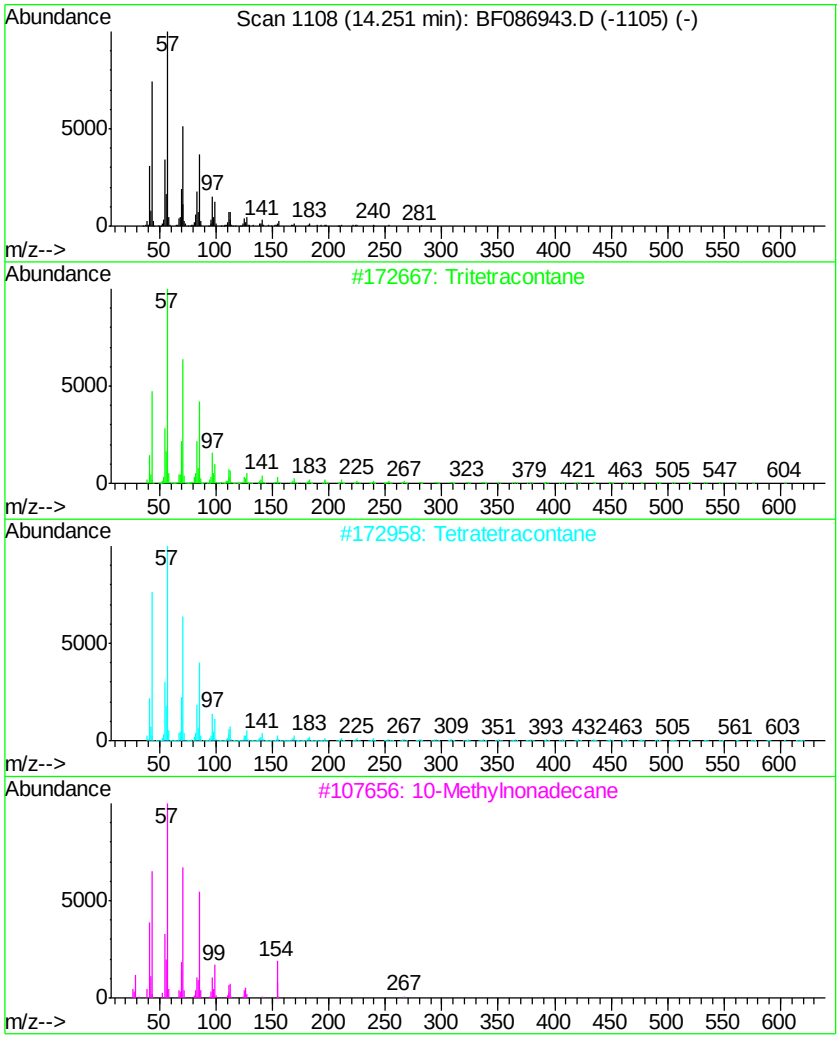
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

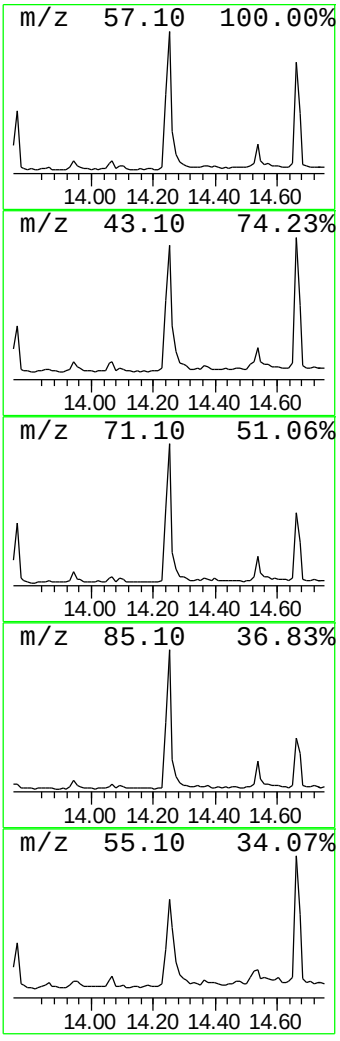
****

Peak Number 11 Tritetracontane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.25	8.36 ng	589831	Chrysene-d12	13.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tritetracontane	605	C43H88	007098-21-7	91
2	Tetratetracontane	619	C44H90	007098-22-8	91
3	10-Methylnonadecane	282	C20H42	056862-62-5	91
4	Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	91
5	Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	91





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051216\
Data File : BF086943.D
Acq On : 12 May 2016 21:21
Operator : UM/SJ
Sample : H2968-08
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

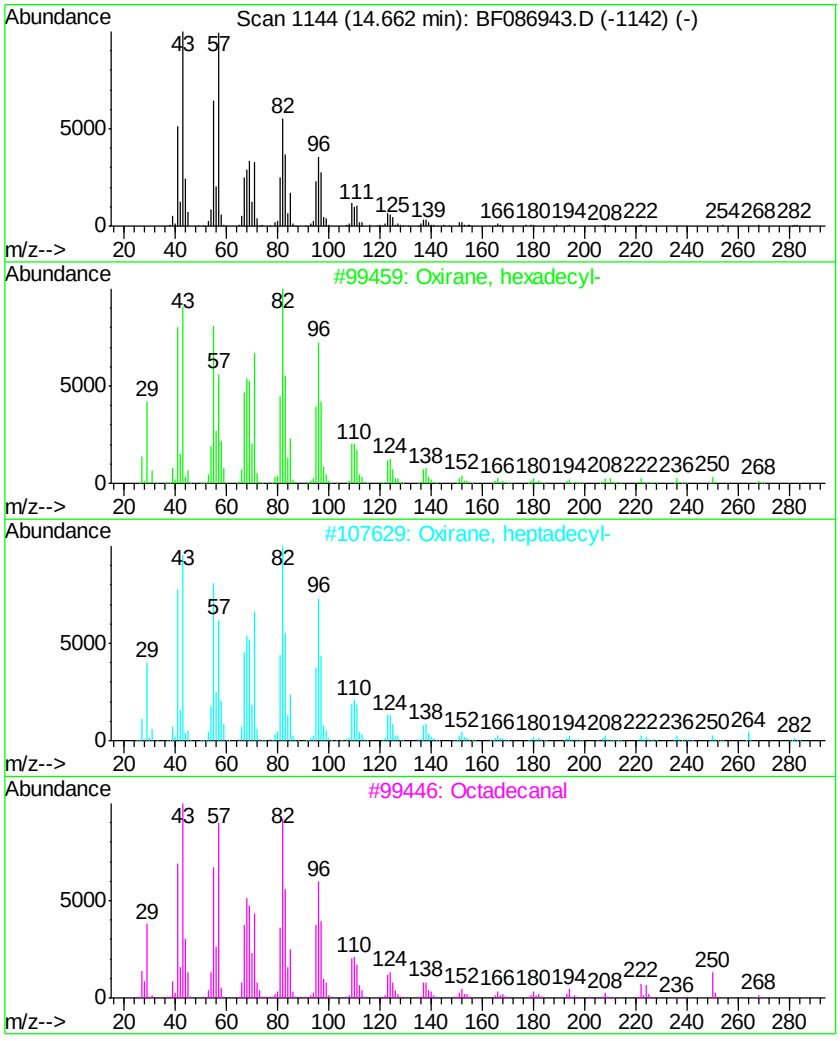
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

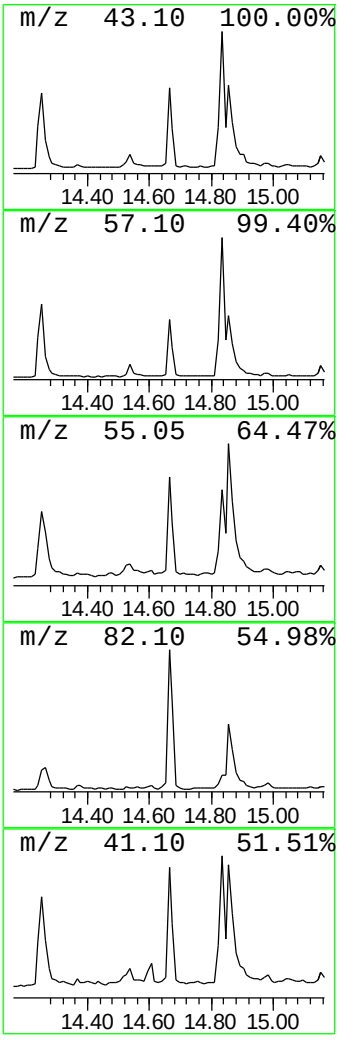
****

Peak Number 12 Oxirane, hexadecyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.66	9.74 ng	494909	Perylene-d12	15.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	95
2	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	95
3	Octadecanal	268	C18H36O	000638-66-4	94
4	Z-2-Octadecen-1-ol	268	C18H36O	1000131-11-0	91
5	Pentadecanal-	226	C15H30O	002765-11-9	91





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051216\
Data File : BF086943.D
Acq On : 12 May 2016 21:21
Operator : UM/SJ
Sample : H2968-08
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

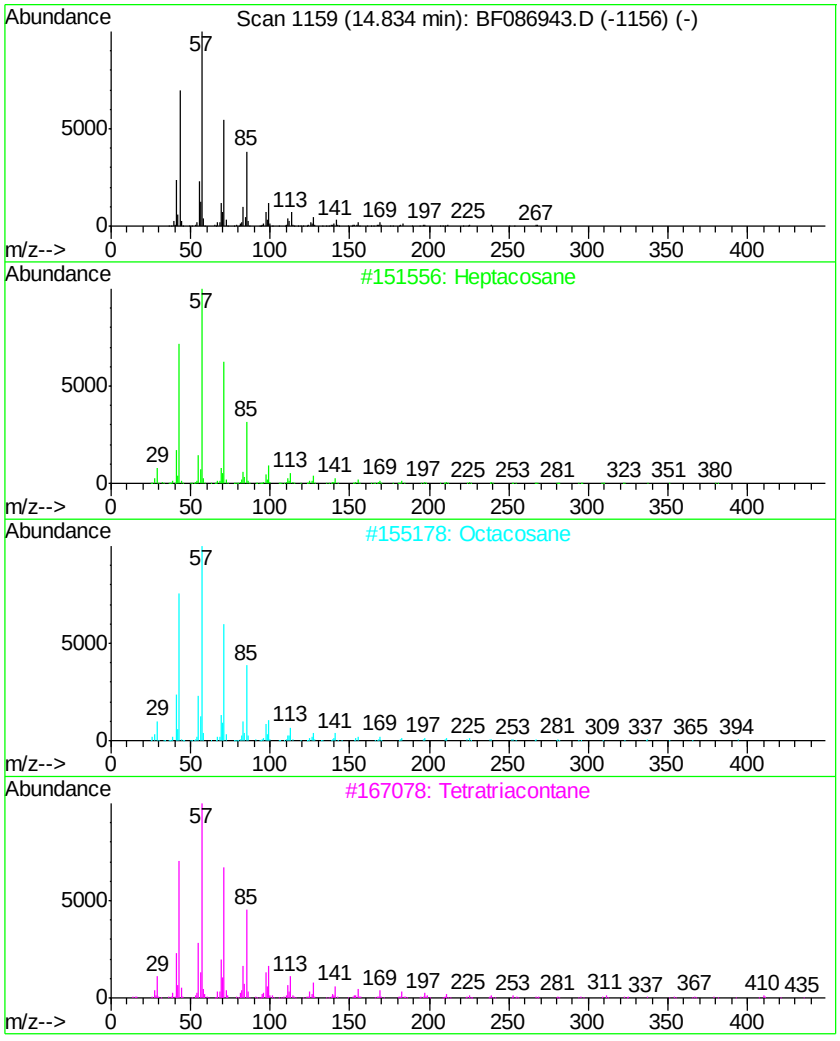
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

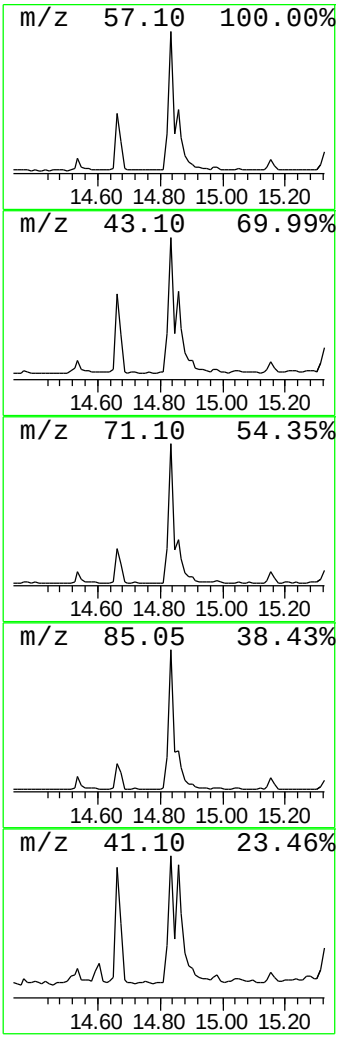
****

Peak Number 13 Heptacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.83	12.21 ng	620563	Perylene-d12	15.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	91
2	Octacosane	394	C28H58	000630-02-4	91
3	Tetratriacontane	479	C34H70	014167-59-0	91
4	Hentriacontane	437	C31H64	000630-04-6	91
5	Hexatriacontane	507	C36H74	000630-06-8	91





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051216\
Data File : BF086943.D
Acq On : 12 May 2016 21:21
Operator : UM/SJ
Sample : H2968-08
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

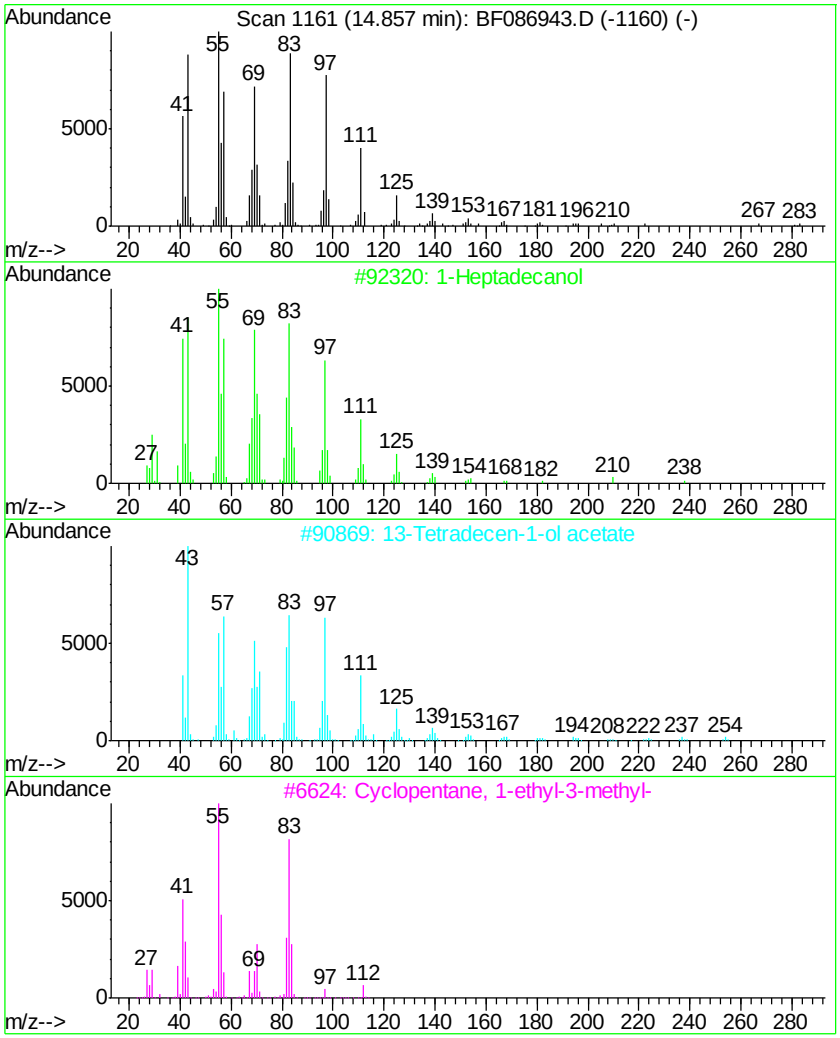
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

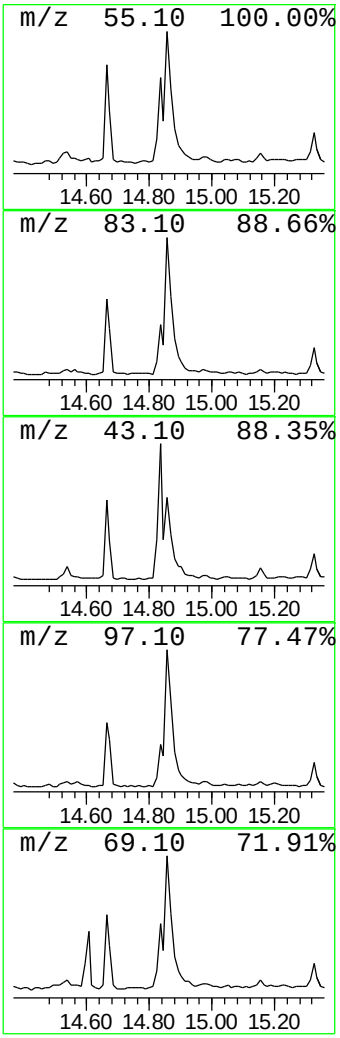
****

Peak Number 14 1-Heptadecanol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.86	13.27 ng	674395	Perylene-d12	15.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptadecanol	256	C17H36O	001454-85-9	80
2	13-Tetradecen-1-ol acetate	254	C16H30O2	056221-91-1	64
3	Cyclopentane, 1-ethyl-3-methyl-	112	C8H16	003726-47-4	55
4	Cyclopentane, 1,1,3-trimethyl-	112	C8H16	004516-69-2	49
5	Cyclopentane, 1-ethyl-3-methyl-,...	112	C8H16	002613-66-3	49





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051216\
Data File : BF086943.D
Acq On : 12 May 2016 21:21
Operator : UM/SJ
Sample : H2968-08
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

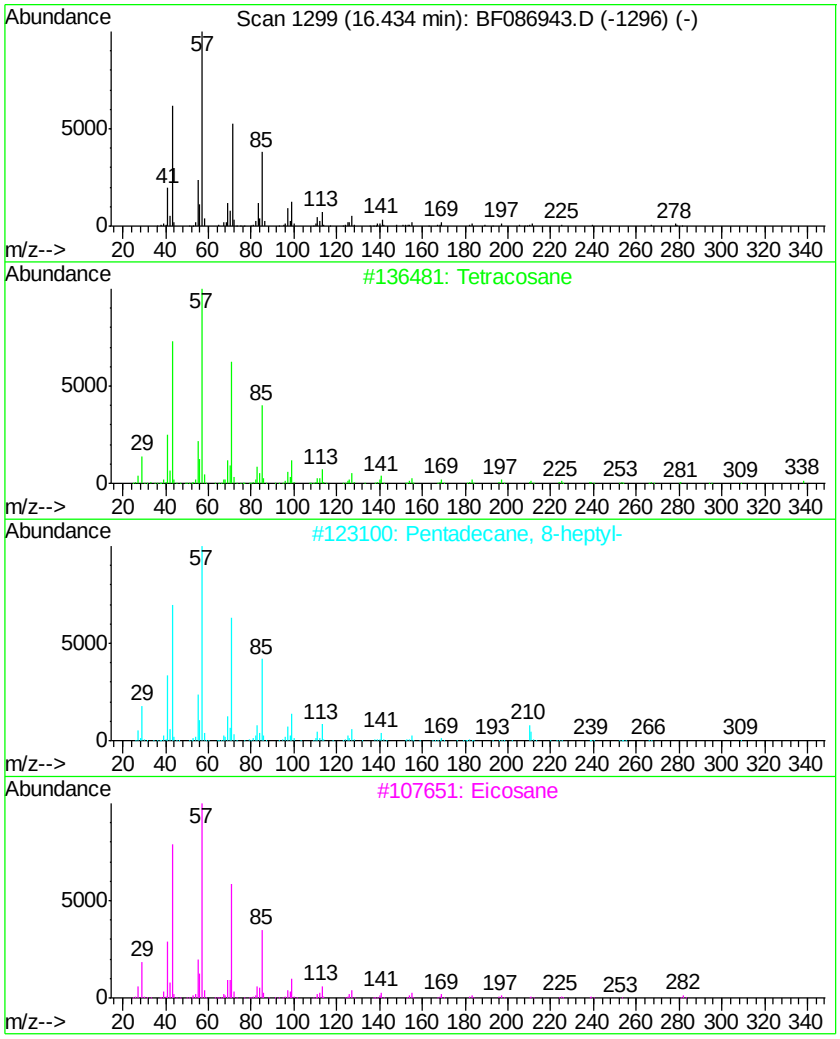
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

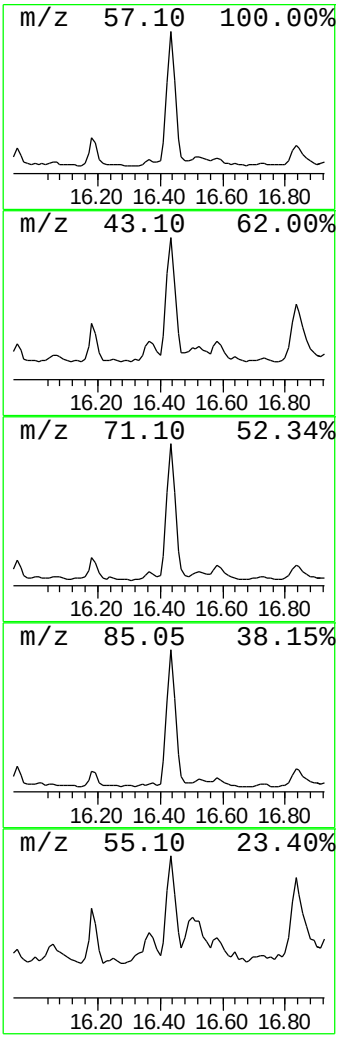
****

Peak Number 17 Tetracosane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.43	6.92 ng	351587	Perylene-d12	15.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	91
2	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91
3	Eicosane	282	C20H42	000112-95-8	90
4	Heneicosane	296	C21H44	000629-94-7	90
5	Tetratriacontane	479	C34H70	014167-59-0	90





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051216\
Data File : BF086943.D
Acq On : 12 May 2016 21:21
Operator : UM/SJ
Sample : H2968-08
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

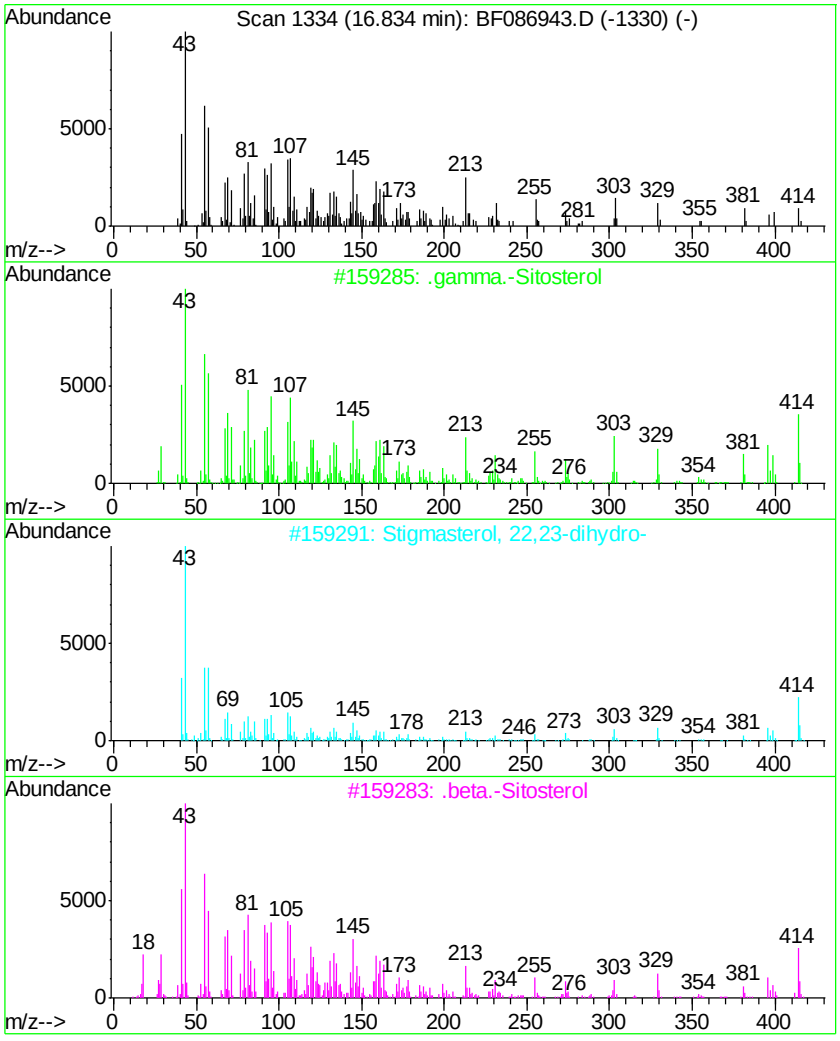
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

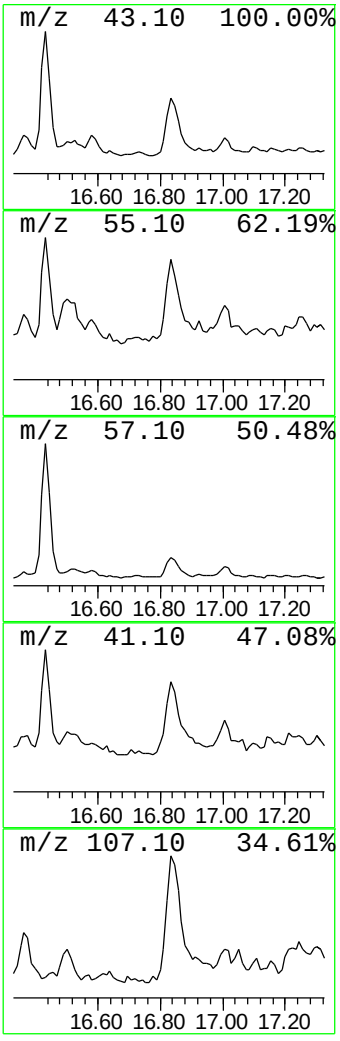
****

Peak Number 18 .gamma.-Sitosterol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.83	12.87 ng	654342	Perylene-d12	15.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.gamma.-Sitosterol	414	C29H50O	000083-47-6	99
2	Stigmasterol, 22,23-dihydro-	414	C29H50O	1000214-20-7	92
3	.beta.-Sitosterol	414	C29H50O	000083-46-5	60
4	.beta.-Sitosterol acetate	456	C31H52O2	000915-05-9	38
5	Stigmastan-3,5-diene	396	C29H48	1000214-16-4	38





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051216\
Data File : BF086943.D
Acq On : 12 May 2016 21:21
Operator : UM/SJ
Sample : H2968-08
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

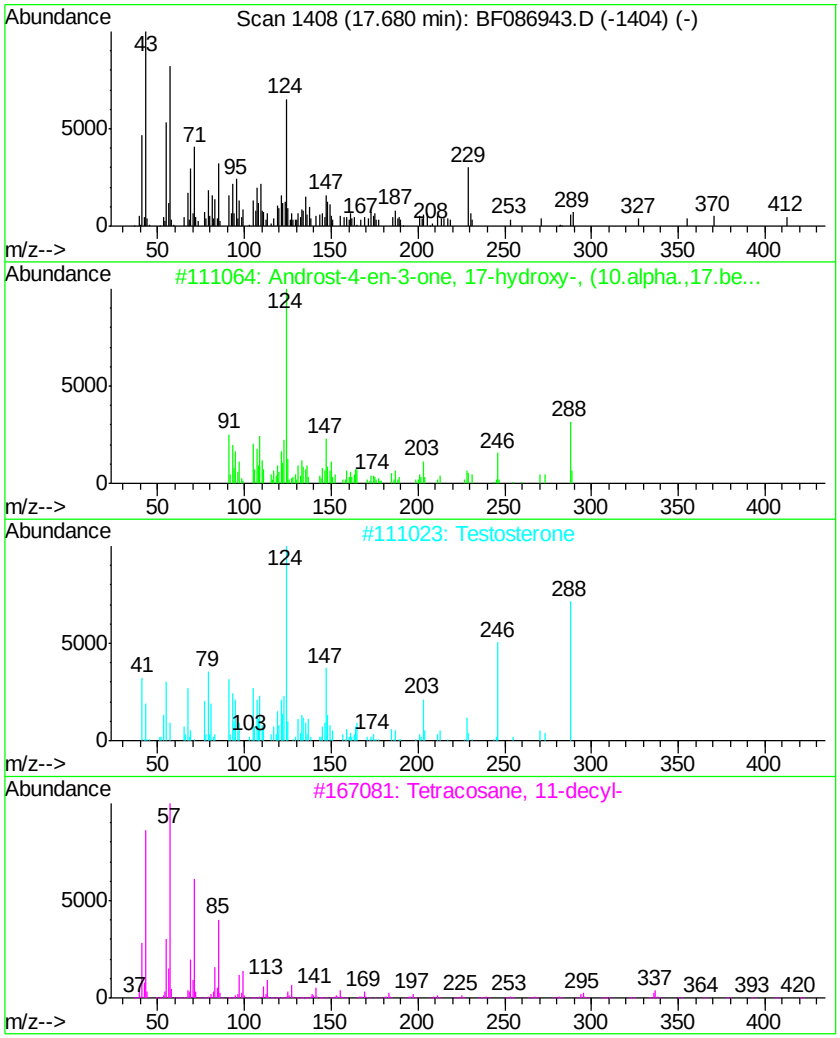
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

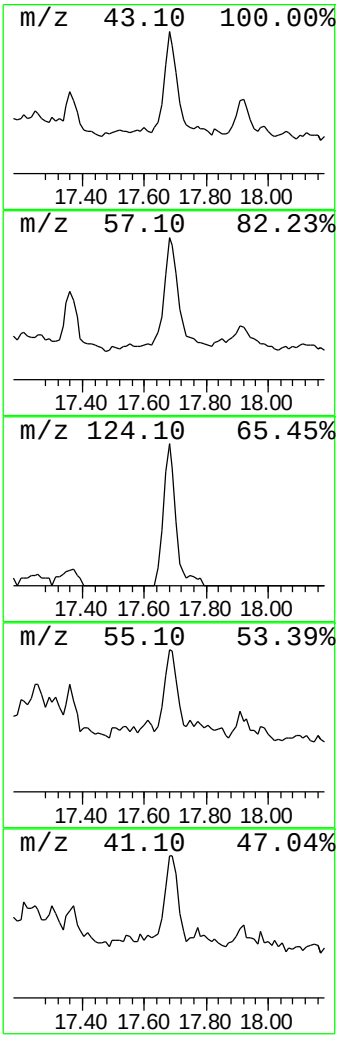
****

Peak Number 19 Androst-4-en-3-one, 17-hydr... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.68	6.29 ng	319924	Perylene-d12	15.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Androst-4-en-3-one, 17-hydroxy-,...	288	C19H28O2	000604-39-7	90
2	Testosterone	288	C19H28O2	000058-22-0	64
3	Tetracosane, 11-decyl-	479	C34H70	055429-84-0	20
4	Docosane, 11-decyl-	451	C32H66	055401-55-3	20
5	Octadecane	254	C18H38	000593-45-3	18





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051216\
Data File : BF086943.D
Acq On : 12 May 2016 21:21
Operator : UM/SJ
Sample : H2968-08
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

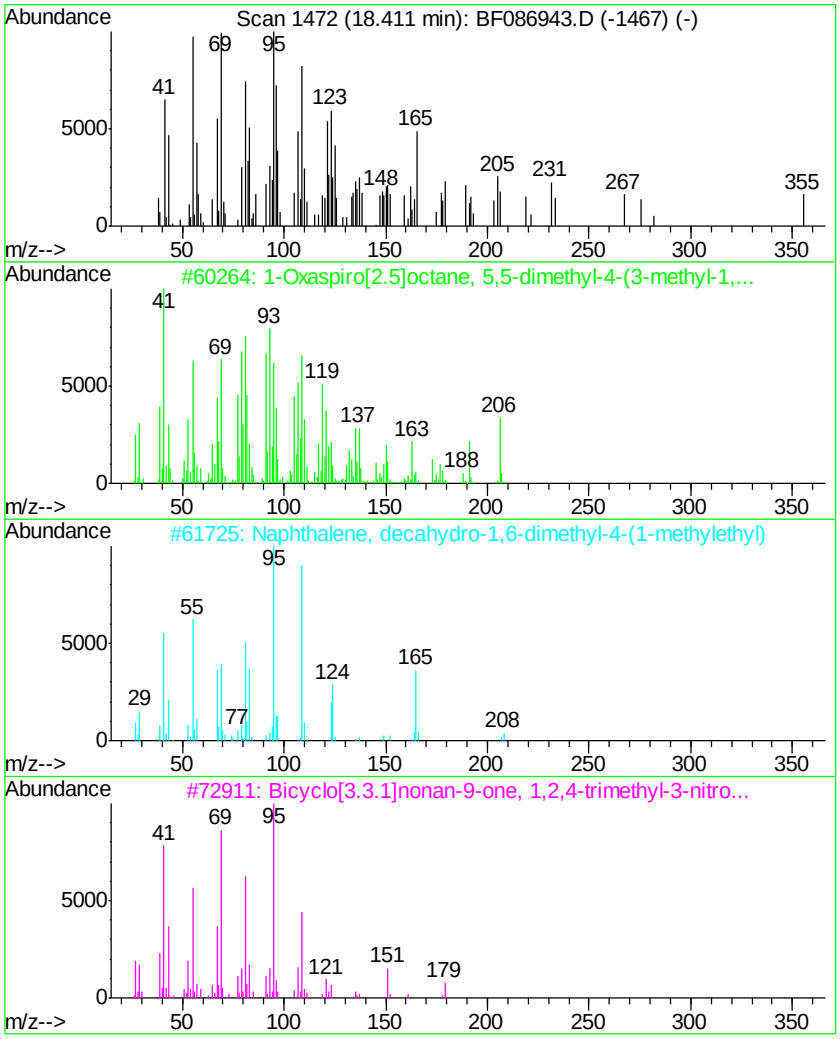
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

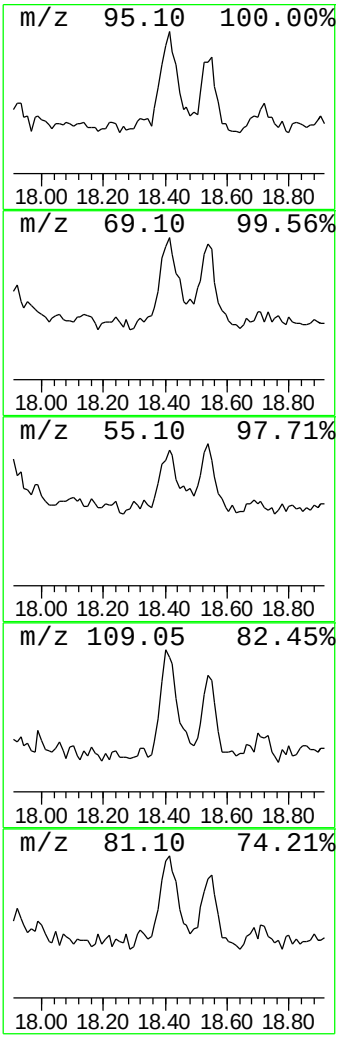
****

Peak Number 20 1-Oxaspiro[2.5]octane, 5,5-... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.41	3.43 ng	174584	Perylene-d12	15.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Oxaspiro[2.5]octane, 5,5-dimet...	206	C14H22O	1000195-92-1	52
2	Naphthalene, decahydro-1,6-dimet...	208	C15H28	034315-85-0	43
3	Bicyclo[3.3.1]nonan-9-one, 1,2,4...	225	C12H19NO3	129967-65-3	43
4	3-Cyclohexene-1-carboxaldehyde, ...	152	C10H16O	040702-26-9	42
5	2-Cyclohexene-1-carboxaldehyde, ...	220	C15H24O	056772-07-7	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051216\
Data File : BF086943.D
Acq On : 12 May 2016 21:21
Operator : UM/SJ
Sample : H2968-08
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.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...	4.76	4.3	ng	245782	1	6.62	1154120	20.0
unknown6.40	6.40	64.0	ng	3694360	1	6.62	1154120	20.0
Cyclotetradecane	11.38	5.7	ng	459502	4	11.13	1599830	20.0
n-Hexadecanoic acid	11.69	10.5	ng	839619	4	11.13	1599830	20.0
5-Eicosene, (E)-	12.19	8.2	ng	652483	4	11.13	1599830	20.0
Octadecanoic acid	12.47	7.4	ng	523609	5	13.76	1411890	20.0
Trichloroacetic a...	13.62	5.8	ng	410649	5	13.76	1411890	20.0
Tritetracontane	14.25	8.4	ng	589831	5	13.76	1411890	20.0
Oxirane, hexadecyl-	14.66	9.7	ng	494909	6	15.12	1016650	20.0
Heptacosane	14.83	12.2	ng	620563	6	15.12	1016650	20.0
1-Heptadecanol	14.86	13.3	ng	674395	6	15.12	1016650	20.0
Tetracosane	16.43	6.9	ng	351587	6	15.12	1016650	20.0
.gamma.-Sitosterol	16.83	12.9	ng	654342	6	15.12	1016650	20.0
Androst-4-en-3-on...	17.68	6.3	ng	319924	6	15.12	1016650	20.0
1-Oxaspiro[2.5]oc...	18.41	3.4	ng	174584	6	15.12	1016650	20.0