LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF093016\
Data File : BF090320.D
Acq On : 30 Sep 2016 19:00
Operator : UM/SJ
Sample : H5023-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-NON-TSCA-09272016

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-BF092016.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	1.633	3	4	53	rVB	3597278	10617282	100.00%	11.576%
2	4.524	254	257	265	rBV	334441	556519	5.24%	0.607%
3	5.004	296	299	302	rBV	1753548	2470375	23.27%	2.694%
4	6.124	394	397	403	rBV	2147618	3122558	29.41%	3.405%
5	6.216	403	405	408	rVB	2057512	2516361	23.70%	2.744%
6	6.444	423	425	428	rBV	602290	742861	7.00%	0.810%
7	6.604	436	439	442	rBV	2064890	2051554	19.32%	2.237%
8	7.027	473	476	478	rBV	1721169	1775341	16.72%	1.936%
9	7.736	536	538	541	rBV	947380	953361	8.98%	1.039%
10	8.753	625	627	630	rBV2	119592	126608	1.19%	0.138%
11	8.822	630	633	635	rBV	3133746	2835858	26.71%	3.092%
12	8.948	641	644	645	rBV2	86414	113553	1.07%	0.124%
13	8.982	645	647	650	rVB2	233564	358019	3.37%	0.390%
14	9.142	658	661	664	rBV2	214719	404825	3.81%	0.441%
15	9.222	666	668	673	rVB	892595	789226	7.43%	0.861%
16	9.485	689	691	693	rVB	1071475	1081067	10.18%	1.179%
17	9.633	699	704	706	rBV	131350	214251	2.02%	0.234%
18	10.262	757	759	761	rBV2	1270966	1500538	14.13%	1.636%
19	10.411	771	772	778	rVB2	116079	180384	1.70%	0.197%
20	10.536	781	783	785	rBV	278337	230381	2.17%	0.251%
21	10.639	790	792	793	rBV	104979	124969	1.18%	0.136%
22	10.948	817	819	821	rBV	1009066	943479	8.89%	1.029%
23	11.016	823	825	826	rBV2	144522	122780	1.16%	0.134%
24	11.039	826	827	831	rVB	207704	204877	1.93%	0.223%
25	11.211	839	842	844	rBV3	138989	213819	2.01%	0.233%
26	11.485	864	866	868	rBV3	88547	135577	1.28%	0.148%
27	11.531	868	870	872	rVV	365633	526906	4.96%	0.574%
28	11.656	878	881	882	rBV	97944	134441	1.27%	0.147%
29	11.702	882	885	886	rVV	271430	409973	3.86%	0.447%
30	11.805	891	894	897	rVB	903426	1358592	12.80%	1.481%
31	11.896	900	902	904	rVB	604327	505742	4.76%	0.551%
32	12.022	910	913	914	rBV2	191303	195219	1.84%	0.213%
33	12.114	919	921	923	rVB	248009	276274	2.60%	0.301%
34	12.205	927	929	931	rVV2	243193	380876	3.59%	0.415%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF093016\
Data File : BF090320.D
Acq On : 30 Sep 2016 19:00
Operator : UM/SJ
Sample : H5023-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-NON-TSCA-09272016

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-BF092016.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.239	931	932	935	rVB	371660	390387	3.68%	0.426%
36	12.296	935	937	941	rBV3	184181	299815	2.82%	0.327%
37	12.365	941	943	947	rVV2	58905	113299	1.07%	0.124%
38	12.537	956	958	960	rVV	1967276	1988966	18.73%	2.169%
39	12.662	967	969	971	rVB2	242230	309037	2.91%	0.337%
40	12.765	976	978	980	rBV	533839	611287	5.76%	0.667%
41	12.799	980	981	986	rVB4	202064	368938	3.47%	0.402%
42	12.914	989	991	995	rBV	679389	729336	6.87%	0.795%
43	13.005	997	999	1000	rBV	97827	176430	1.66%	0.192%
44	13.039	1000	1002	1004	rVB2	226604	259133	2.44%	0.283%
45	13.119	1006	1009	1012	rBV3	142771	339485	3.20%	0.370%
46	13.371	1029	1031	1032	rVV	293994	367314	3.46%	0.400%
47	13.405	1032	1034	1036	rVB2	261560	305617	2.88%	0.333%
48	13.462	1036	1039	1041	rBV	1914598	2657202	25.03%	2.897%
49	13.565	1045	1048	1050	rBV	869955	1207479	11.37%	1.317%
50	13.679	1056	1058	1061	rBV2	182247	293252	2.76%	0.320%
51	13.771	1064	1066	1070	rBV2	317029	552545	5.20%	0.602%
52	13.908	1075	1078	1082	rVB2	221532	385643	3.63%	0.420%
53	14.091	1091	1094	1097	rBV	3323530	4305874	40.56%	4.695%
54	14.137	1097	1098	1100	rVB	176375	159147	1.50%	0.174%
55	14.297	1110	1112	1115	rVB2	139487	207751	1.96%	0.227%
56	14.377	1115	1119	1122	rBV3	429251	1215264	11.45%	1.325%
57	14.434	1122	1124	1127	rVV	209303	290966	2.74%	0.317%
58	14.491	1127	1129	1132	rVB2	479066	643183	6.06%	0.701%
59	14.628	1139	1141	1142	rBV	170128	213972	2.02%	0.233%
60	14.662	1142	1144	1148	rVV2	2565669	5937221	55.92%	6.474%
61	14.720	1148	1149	1152	rVV	606265	658725	6.20%	0.718%
62	14.788	1153	1155	1158	rVV3	200314	285798	2.69%	0.312%
63	14.891	1162	1164	1166	rVB	432822	511292	4.82%	0.557%
64	14.960	1167	1170	1175	rBV3	258854	792472	7.46%	0.864%
65	15.108	1181	1183	1186	rBV	952388	1315178	12.39%	1.434%
66	15.200	1189	1191	1194	rVB	328168	447858	4.22%	0.488%
67	15.303	1196	1200	1202	rVV	2411453	4991338	47.01%	5.442%
68	15.337	1202	1203	1205	rVV	1570731	1892910	17.83%	2.064%
69	15.394	1205	1208	1210	rVV	891853	1516292	14.28%	1.653%
70	15.485	1213	1216	1220	rVB2	324560	839901	7.91%	0.916%
71	15.588	1222	1225	1227	rVB	228518	385314	3.63%	0.420%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF093016\
Data File : BF090320.D
Acq On : 30 Sep 2016 19:00
Operator : UM/SJ
Sample : H5023-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-NON-TSCA-09272016

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-BF092016.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	15.680	1231	1233	1236	rBV2	132351	204703	1.93%	0.223%
73	15.737	1236	1238	1240	rBV	105562	176488	1.66%	0.192%
74	15.794	1241	1243	1246	rVB2	198289	318314	3.00%	0.347%
75	15.908	1249	1253	1256	rBV	1264746	2186682	20.60%	2.384%
76	16.045	1262	1265	1267	rBV3	131046	293546	2.76%	0.320%
77	16.137	1270	1273	1276	rVV	596697	1499596	14.12%	1.635%
78	16.205	1276	1279	1282	rVV	1164611	2537776	23.90%	2.767%
79	16.274	1282	1285	1291	rVB	818404	1790259	16.86%	1.952%
80	16.491	1299	1304	1306	rBV	631953	1546992	14.57%	1.687%
81	16.628	1314	1316	1320	rVB2	119440	255083	2.40%	0.278%
82	16.720	1320	1324	1328	rBV2	457748	1030317	9.70%	1.123%
83	16.811	1330	1332	1336	rVB	228423	483965	4.56%	0.528%
84	16.971	1343	1346	1352	rBV2	208499	660630	6.22%	0.720%
85	17.074	1352	1355	1361	rVB3	133851	327763	3.09%	0.357%
86	17.257	1367	1371	1376	rBV3	265242	720737	6.79%	0.786%
87	17.383	1379	1382	1386	rVV	137938	310339	2.92%	0.338%
88	17.474	1386	1390	1395	rVB	273046	750992	7.07%	0.819%
89	18.034	1435	1439	1446	rVB5	161766	481375	4.53%	0.525%

Sum of corrected areas: 91715624

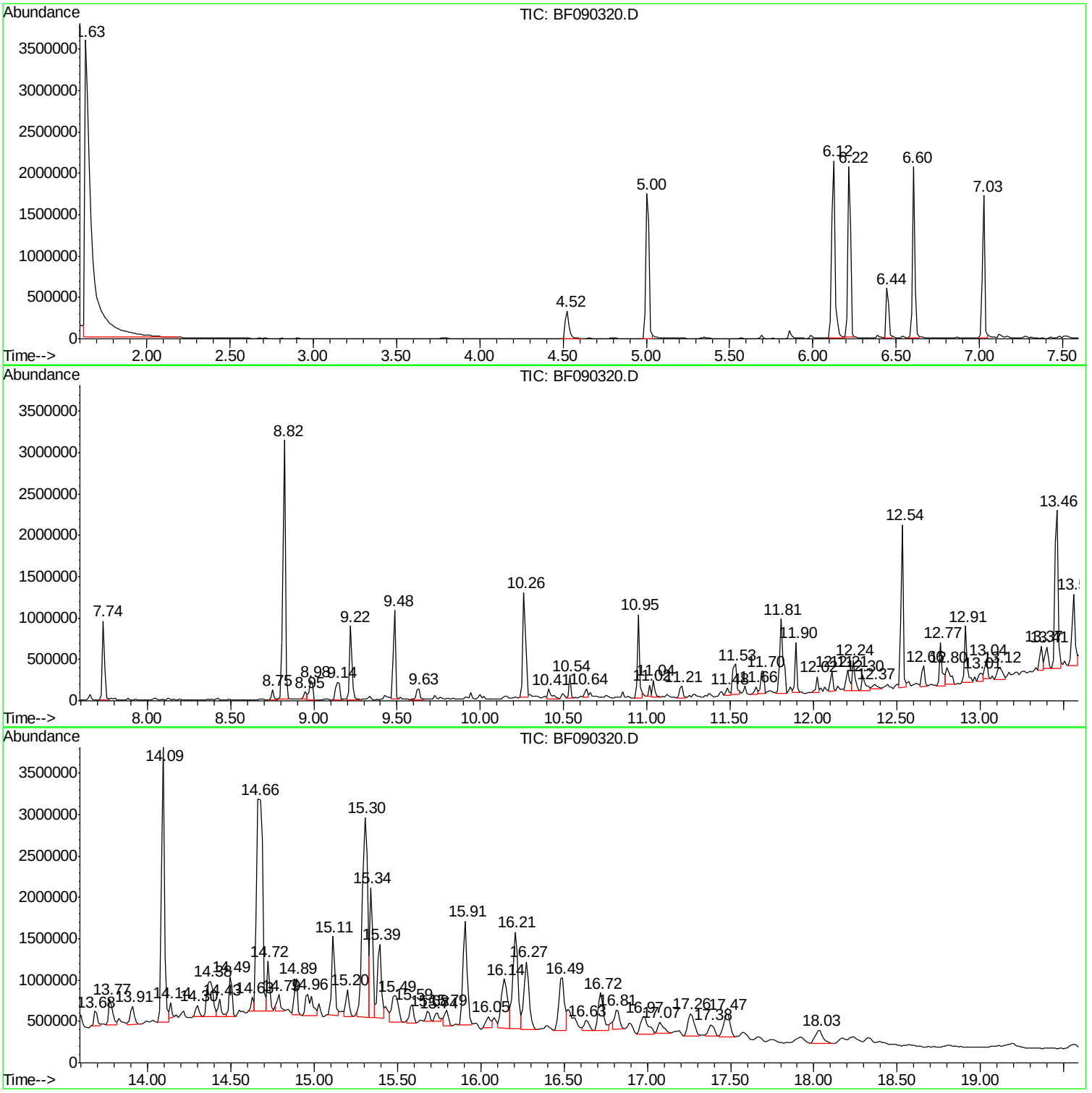
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF093016\
Data File : BF090320.D
Acq On : 30 Sep 2016 19:00
Operator : UM/SJ
Sample : H5023-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-NON-TSCA-09272016

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA F\DATA\BF093016\
Data File : BF090320.D
Acq On : 30 Sep 2016 19:00
Operator : UM/SJ
Sample : H5023-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-NON-TSCA-09272016

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

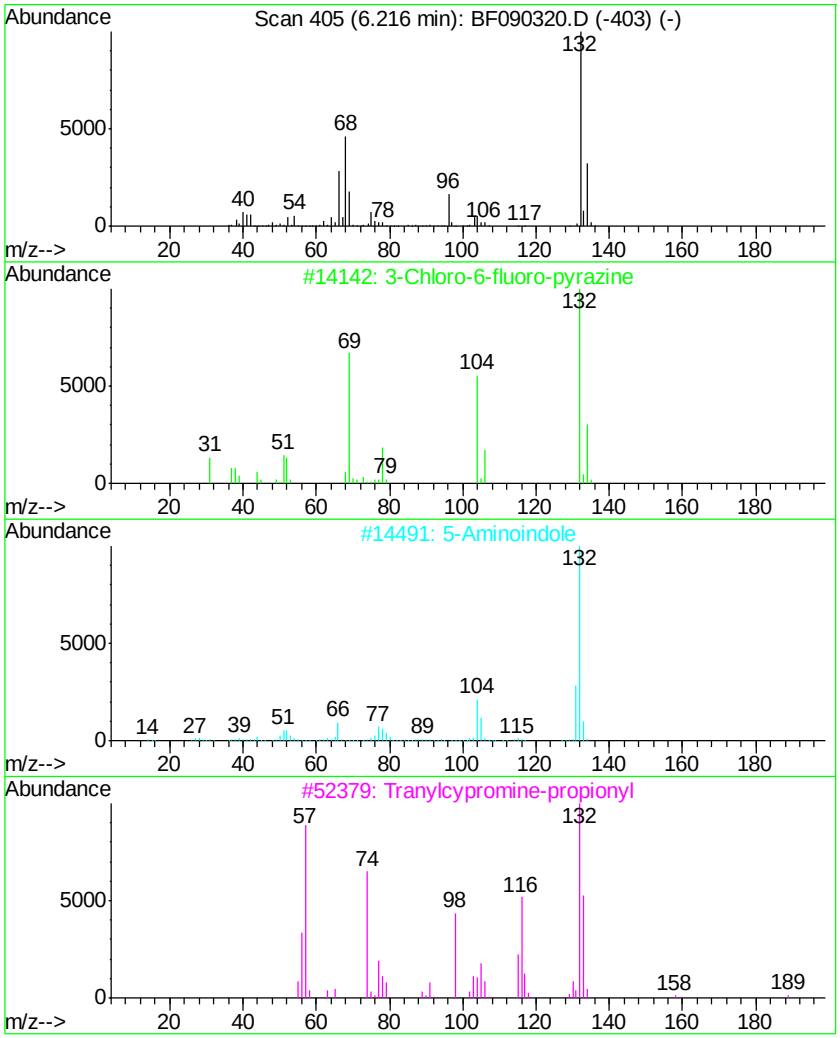
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

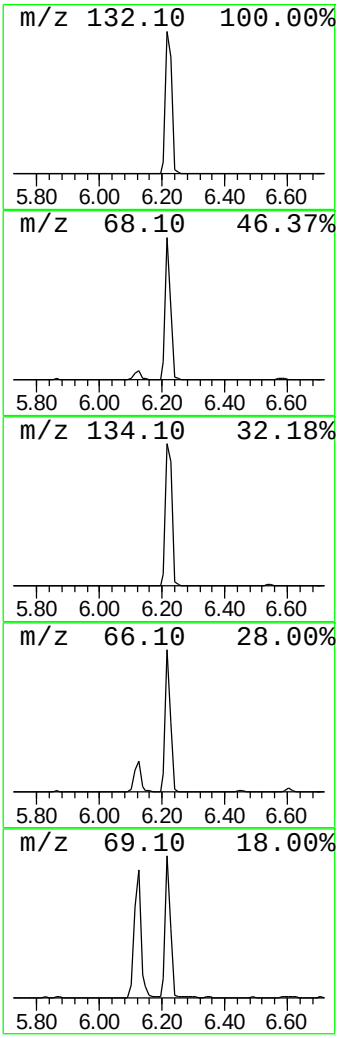
****

Peak Number 2 unknown6.22 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.22	67.75 ng	2516360	1,4-Dichlorobenzene-d4	6.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	9
5	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF093016\
Data File : BF090320.D
Acq On : 30 Sep 2016 19:00
Operator : UM/SJ
Sample : H5023-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-NON-TSCA-09272016

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

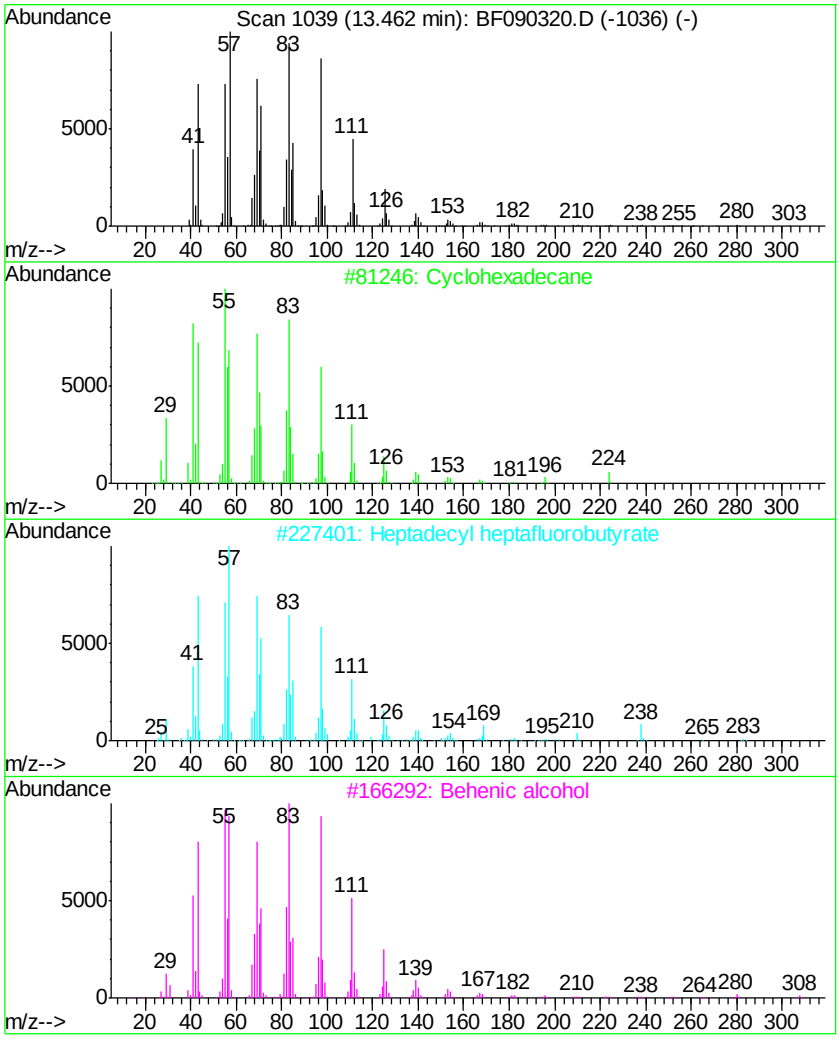
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

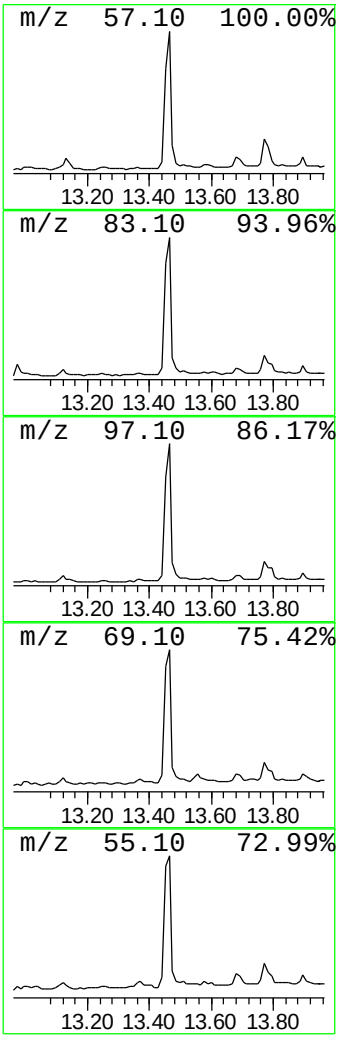
****

Peak Number 4 Cyclohexadecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.46	44.01 ng	2657200	Chrysene-d12	13.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	94
2	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
3	Behenic alcohol	326	C22H46O	000661-19-8	93
4	n-Tetracosanol-1	354	C24H50O	000506-51-4	87
5	n-Nonadecanol-1	284	C19H40O	001454-84-8	87





Data Path : Z:\HPCHEM1\BNA F\DATA\BF093016\
Data File : BF090320.D
Acq On : 30 Sep 2016 19:00
Operator : UM/SJ
Sample : H5023-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-NON-TSCA-09272016

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

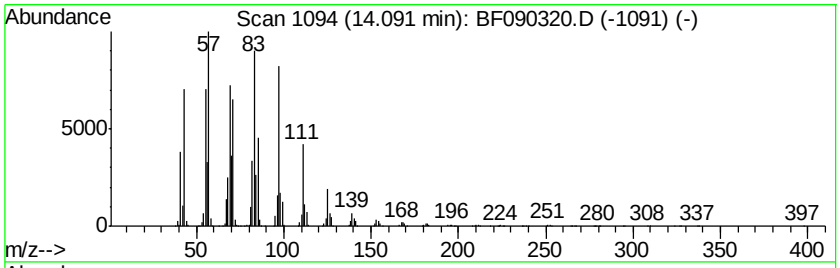
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

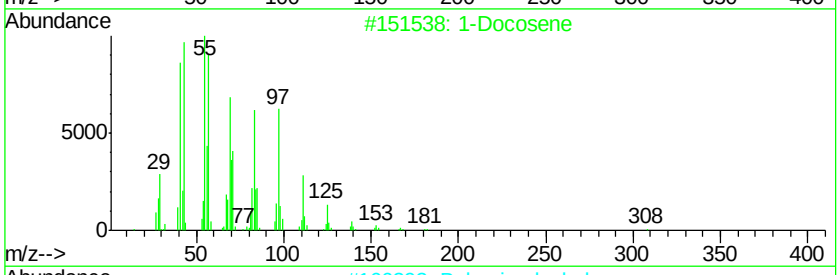
****

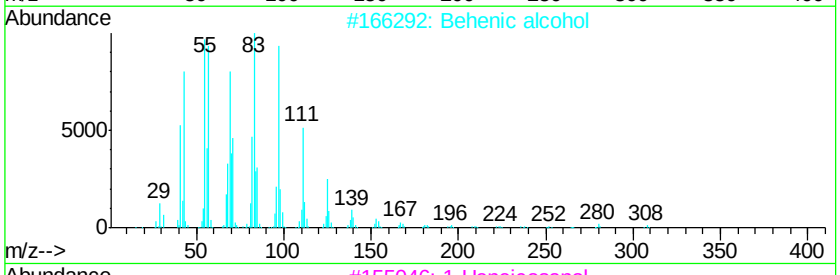
Peak Number 5 1-Docosene Concentration Rank 7

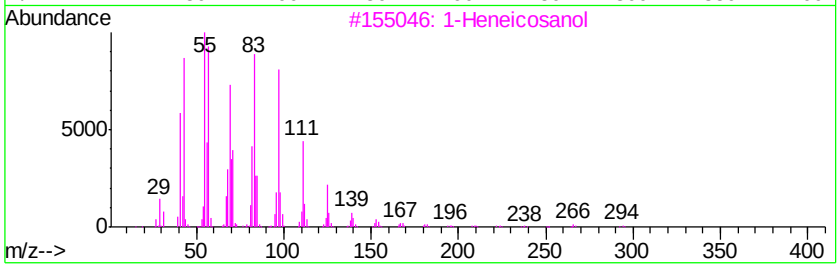
R.T.	EstConc	Area	Relative to ISTD	R.T.
14.09	71.32 ng	4305870	Chrysene-d12	13.57

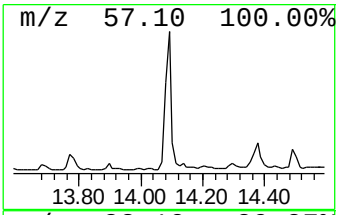
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	91
2	Behenic alcohol	326	C22H46O	000661-19-8	91
3	1-Heneicosanol	312	C21H44O	015594-90-8	90
4	1-Heneicosyl formate	340	C22H44O2	077899-03-7	90
5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	87

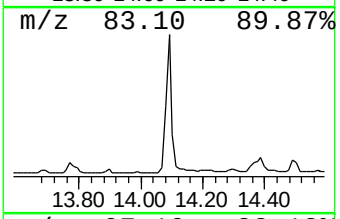


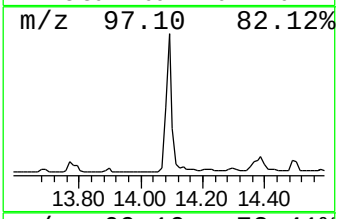


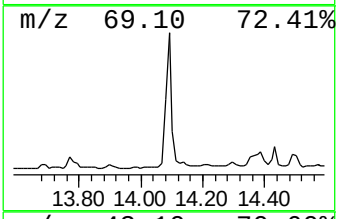


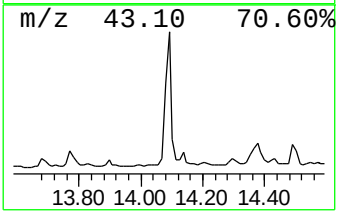












Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF093016\
Data File : BF090320.D
Acq On : 30 Sep 2016 19:00
Operator : UM/SJ
Sample : H5023-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-NON-TSCA-09272016

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

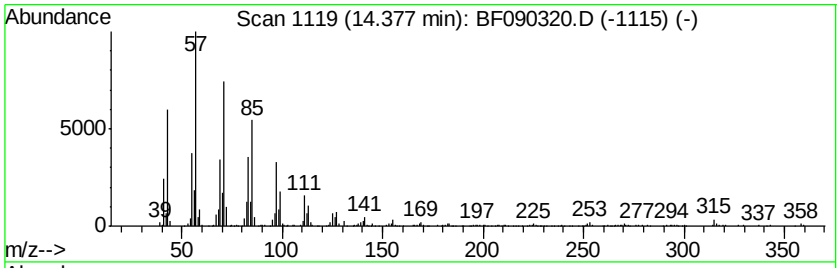
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

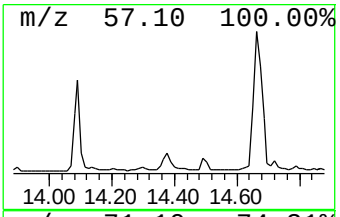
****

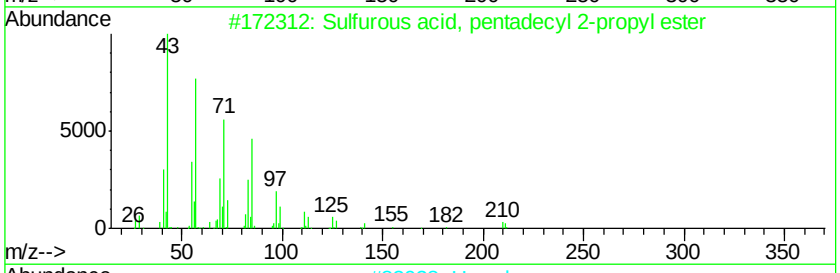
Peak Number 6 Sulfurous acid, pentadecyl ... Concentration Rank 15

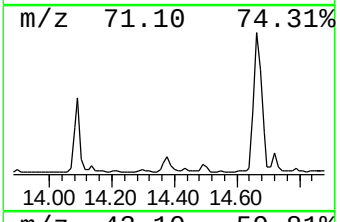
R.T.	EstConc	Area	Relative to ISTD	R.T.
14.38	47.54 ng	1215260	Perylene-d12	14.89

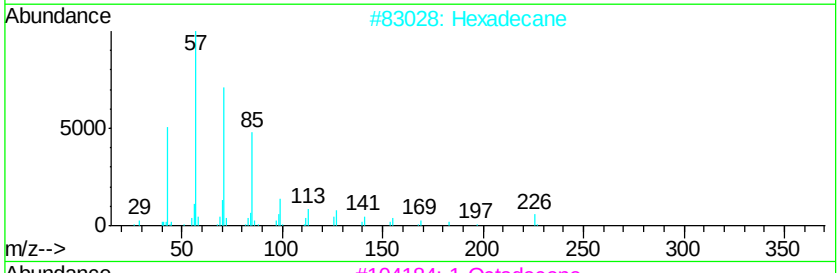
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, pentadecyl 2-pro...	334	C18H38O3S	1000309-12-6	91
2	Hexadecane	226	C16H34	000544-76-3	89
3	1-Octadecene	252	C18H36	000112-88-9	78
4	Nonadecane	268	C19H40	000629-92-5	76
5	Heptadecane, 8-methyl-	254	C18H38	013287-23-5	72

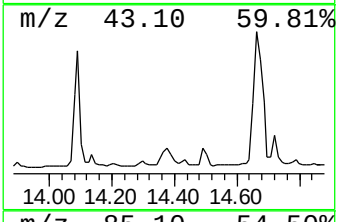


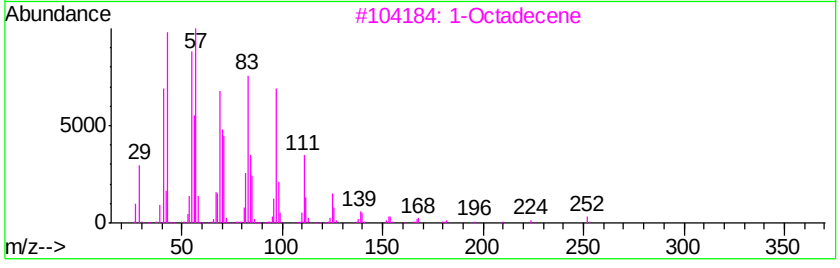


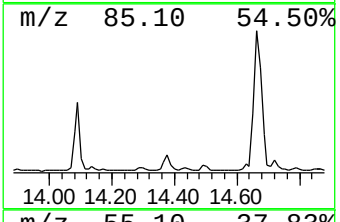


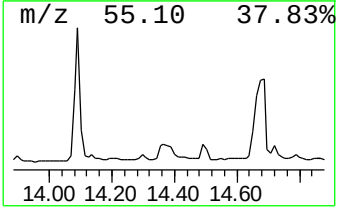












Data Path : Z:\HPCHEM1\BNA F\DATA\BF093016\
Data File : BF090320.D
Acq On : 30 Sep 2016 19:00
Operator : UM/SJ
Sample : H5023-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-NON-TSCA-09272016

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

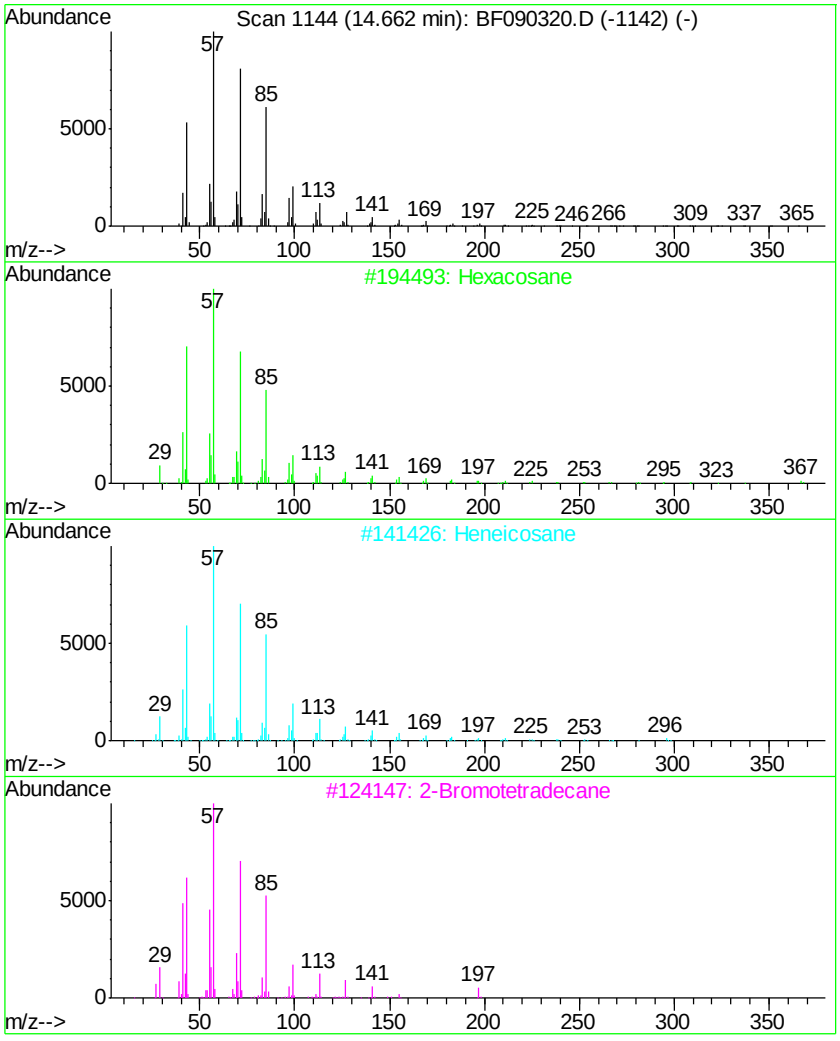
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

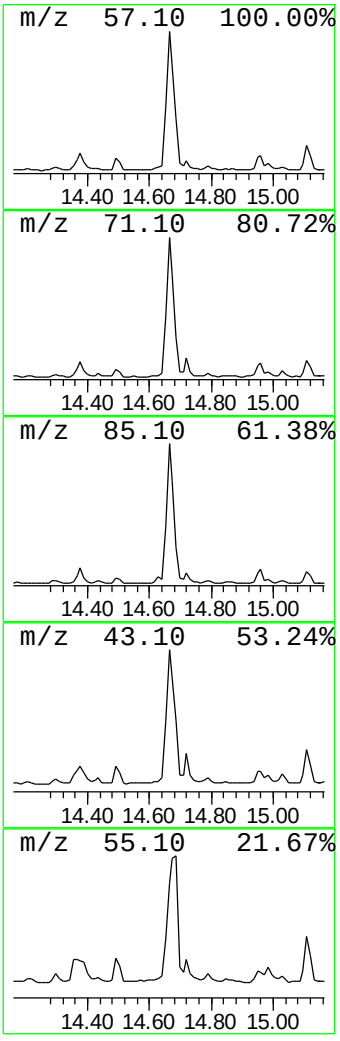
****

Peak Number 7 Hexacosane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.66	232.24 ng	5937220	Perylene-d12	14.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	2-Bromotetradecane	276	C14H29Br	074036-95-6	90
4	2-methyltetracosane	352	C25H52	1000376-72-6	90
5	Eicosane, 10-methyl-	296	C21H44	054833-23-7	87





Data Path : Z:\HPCHEM1\BNA F\DATA\BF093016\
Data File : BF090320.D
Acq On : 30 Sep 2016 19:00
Operator : UM/SJ
Sample : H5023-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-NON-TSCA-09272016

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

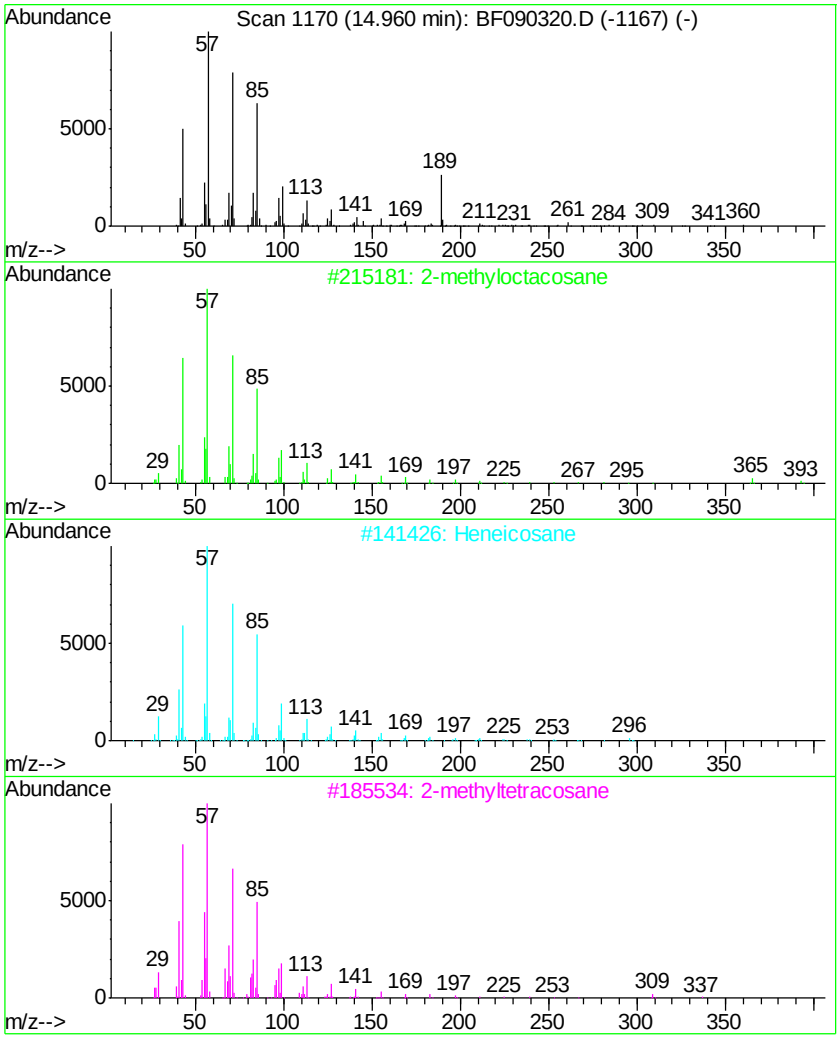
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

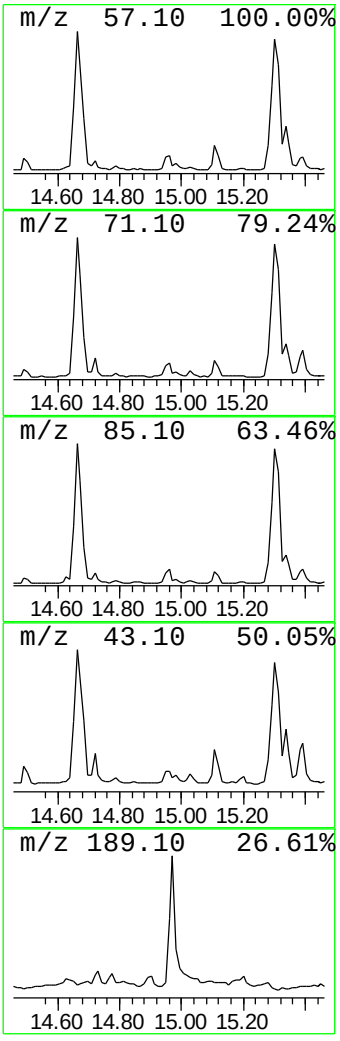
****

Peak Number 8 2-methyloctacosane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.96	31.00 ng	792472	Perylene-d12	14.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methyloctacosane	408	C29H60	1000376-72-8	87
2	Heneicosane	296	C21H44	000629-94-7	87
3	2-methyltetracosane	352	C25H52	1000376-72-6	86
4	Eicosane, 10-methyl-	296	C21H44	054833-23-7	83
5	Hexacosane	366	C26H54	000630-01-3	83





Data Path : Z:\HPCHEM1\BNA F\DATA\BF093016\
Data File : BF090320.D
Acq On : 30 Sep 2016 19:00
Operator : UM/SJ
Sample : H5023-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-NON-TSCA-09272016

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

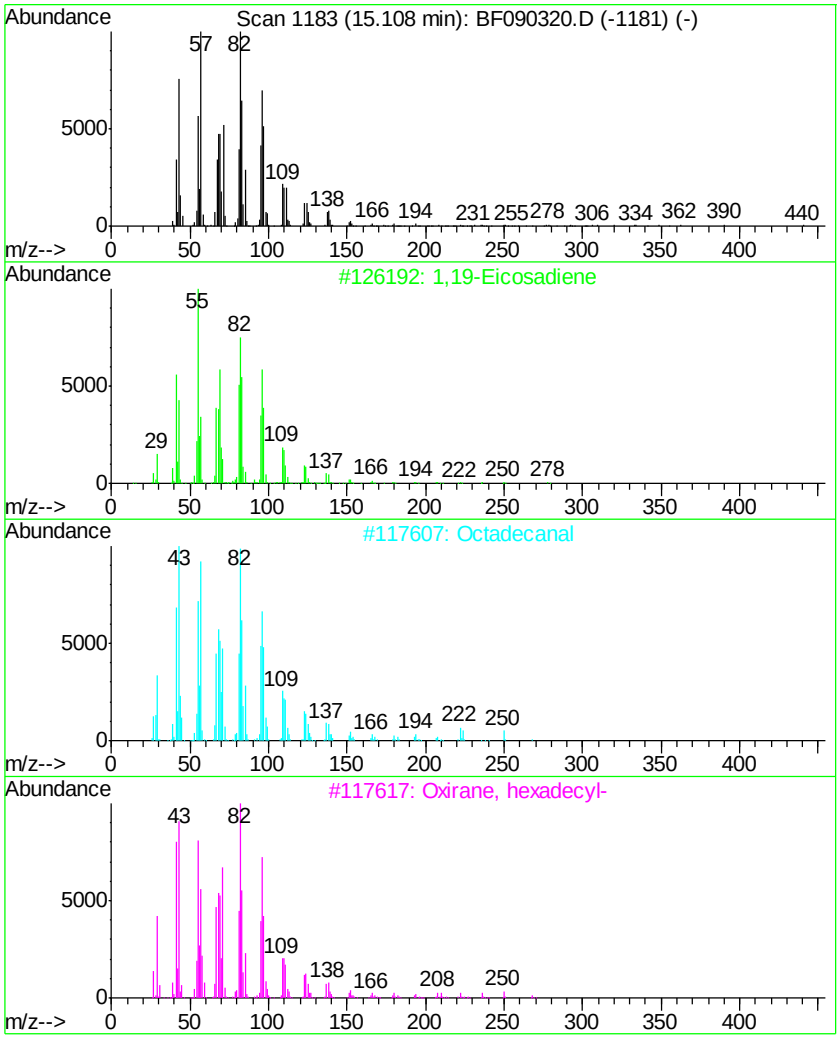
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

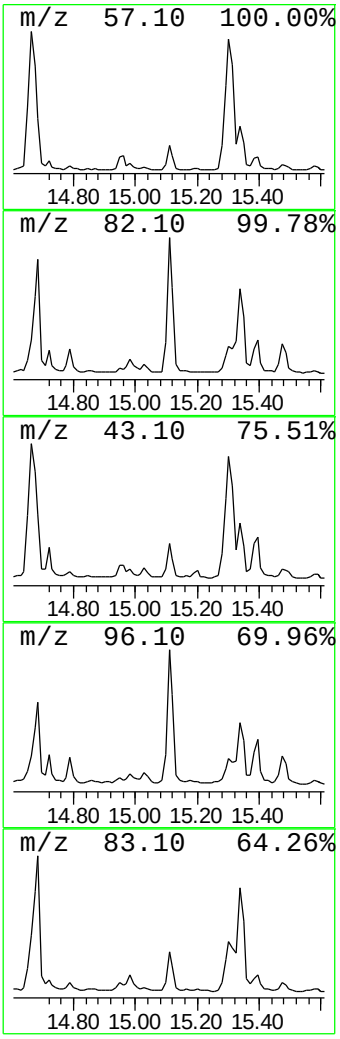
****

Peak Number 9 1,19-Eicosadiene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.11	51.45 ng	1315180	Perylene-d12	14.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,19-Eicosadiene	278	C20H38	014811-95-1	94
2	Octadecanal	268	C18H36O	000638-66-4	91
3	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
4	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	91
5	Tetracosanal	352	C24H48O	057866-08-7	91





Data Path : Z:\HPCHEM1\BNA F\DATA\BF093016\
Data File : BF090320.D
Acq On : 30 Sep 2016 19:00
Operator : UM/SJ
Sample : H5023-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-NON-TSCA-09272016

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

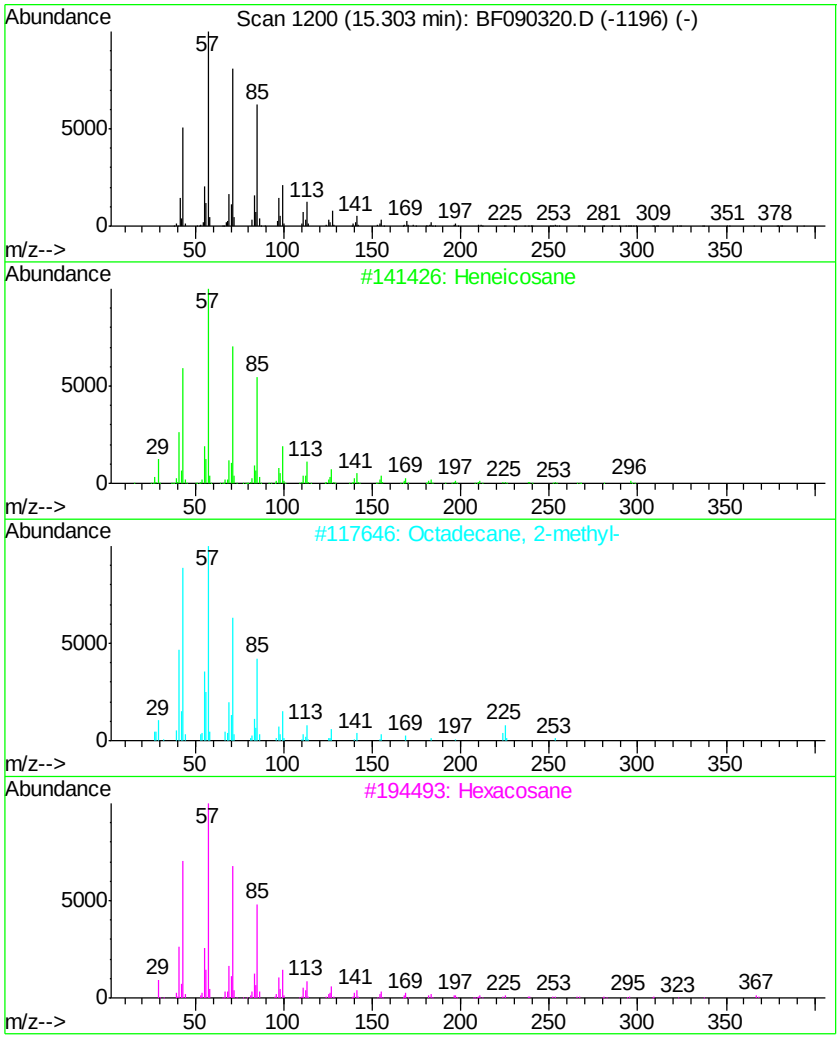
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

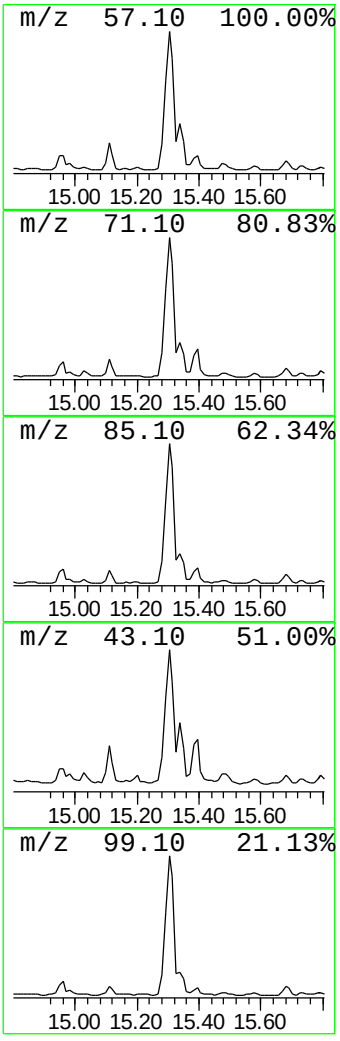
****

Peak Number 10 Heneicosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.30	195.24 ng	4991340	Perylene-d12	14.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Octadecane, 2-methyl-	268	C19H40	001560-88-9	90
3	Hexacosane	366	C26H54	000630-01-3	87
4	Hexadecane	226	C16H34	000544-76-3	80
5	Nonadecane	268	C19H40	000629-92-5	80





Data Path : Z:\HPCHEM1\BNA F\DATA\BF093016\
Data File : BF090320.D
Acq On : 30 Sep 2016 19:00
Operator : UM/SJ
Sample : H5023-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-NON-TSCA-09272016

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

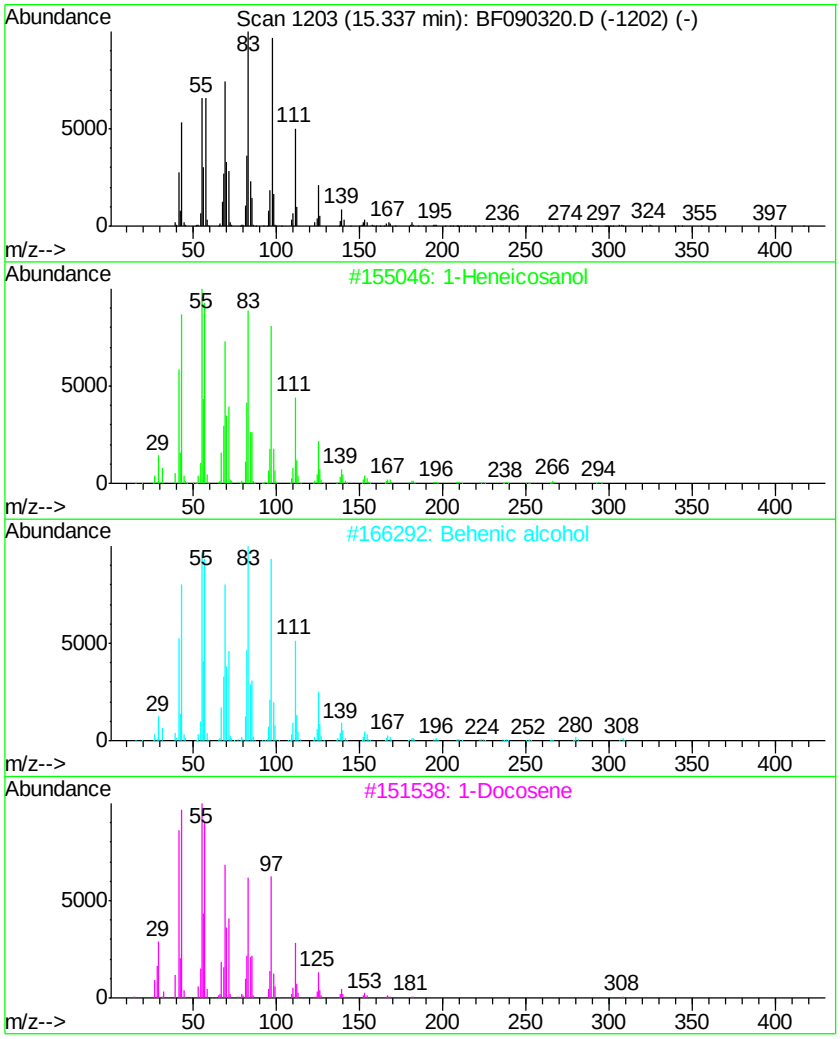
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

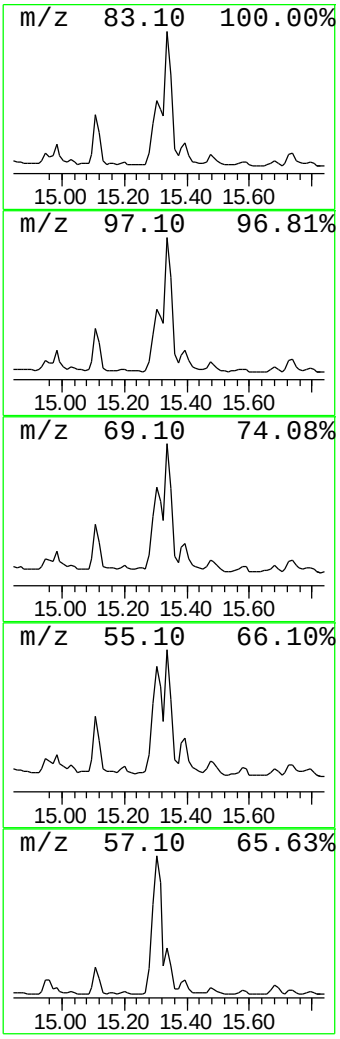
****

Peak Number 11 1-Heneicosanol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.34	74.04 ng	1892910	Perylene-d12	14.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	90
2	Behenic alcohol	326	C22H46O	000661-19-8	80
3	1-Docosene	308	C22H44	001599-67-3	78
4	1-Heptacosanol	396	C27H56O	002004-39-9	68
5	n-Tetracosanol-1	354	C24H50O	000506-51-4	64





Data Path : Z:\HPCHEM1\BNA F\DATA\BF093016\
Data File : BF090320.D
Acq On : 30 Sep 2016 19:00
Operator : UM/SJ
Sample : H5023-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-NON-TSCA-09272016

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

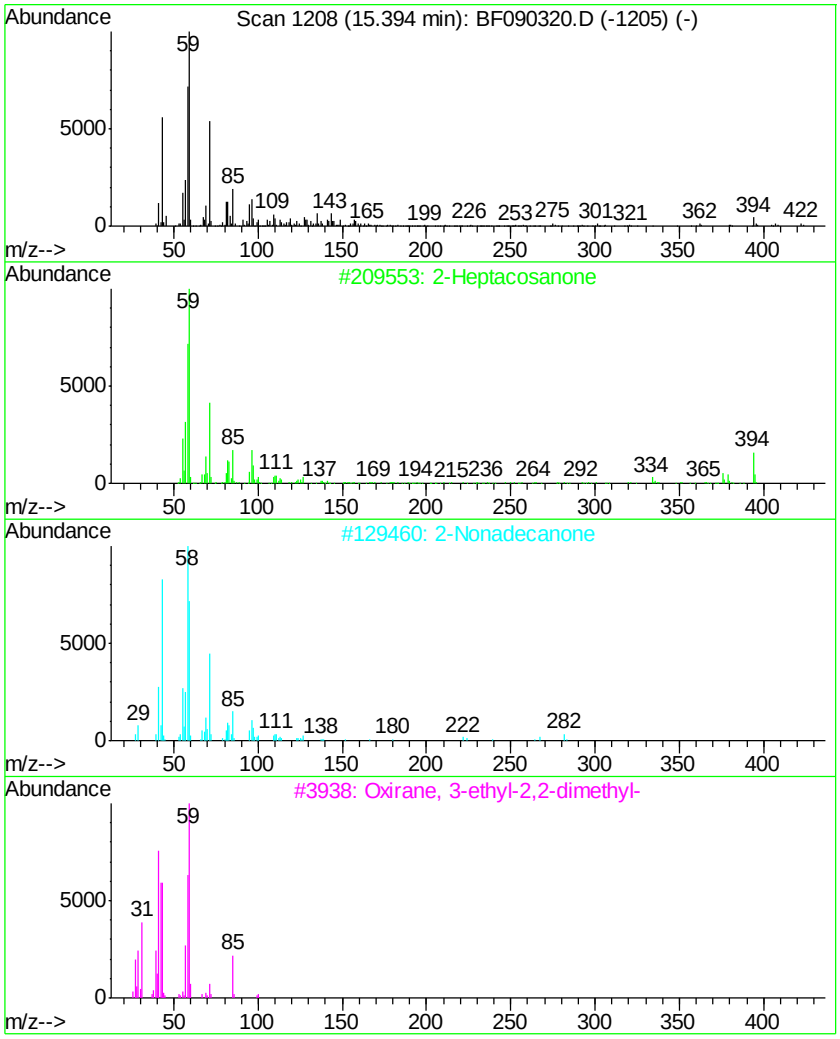
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

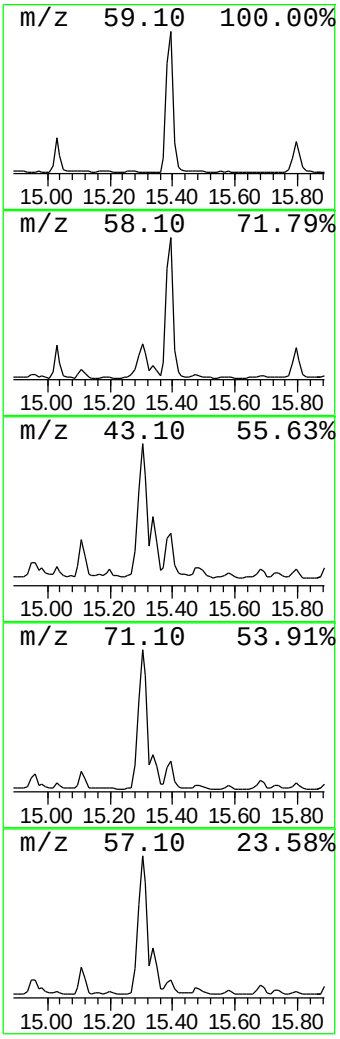
****

Peak Number 12 2-Heptacosanone Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.39	59.31 ng	1516290	Perylene-d12	14.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Heptacosanone	394	C27H54O	007796-19-2	83
2	2-Nonadecanone	282	C19H38O	000629-66-3	59
3	Oxirane, 3-ethyl-2,2-dimethyl-	100	C6H12O	001192-22-9	52
4	Oxirane, tetramethyl-	100	C6H12O	005076-20-0	43
5	Cyclohexanemethanol, .alpha.,.al...	156	C10H20O	000498-81-7	38





Data Path : Z:\HPCHEM1\BNA F\DATA\BF093016\
Data File : BF090320.D
Acq On : 30 Sep 2016 19:00
Operator : UM/SJ
Sample : H5023-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-NON-TSCA-09272016

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

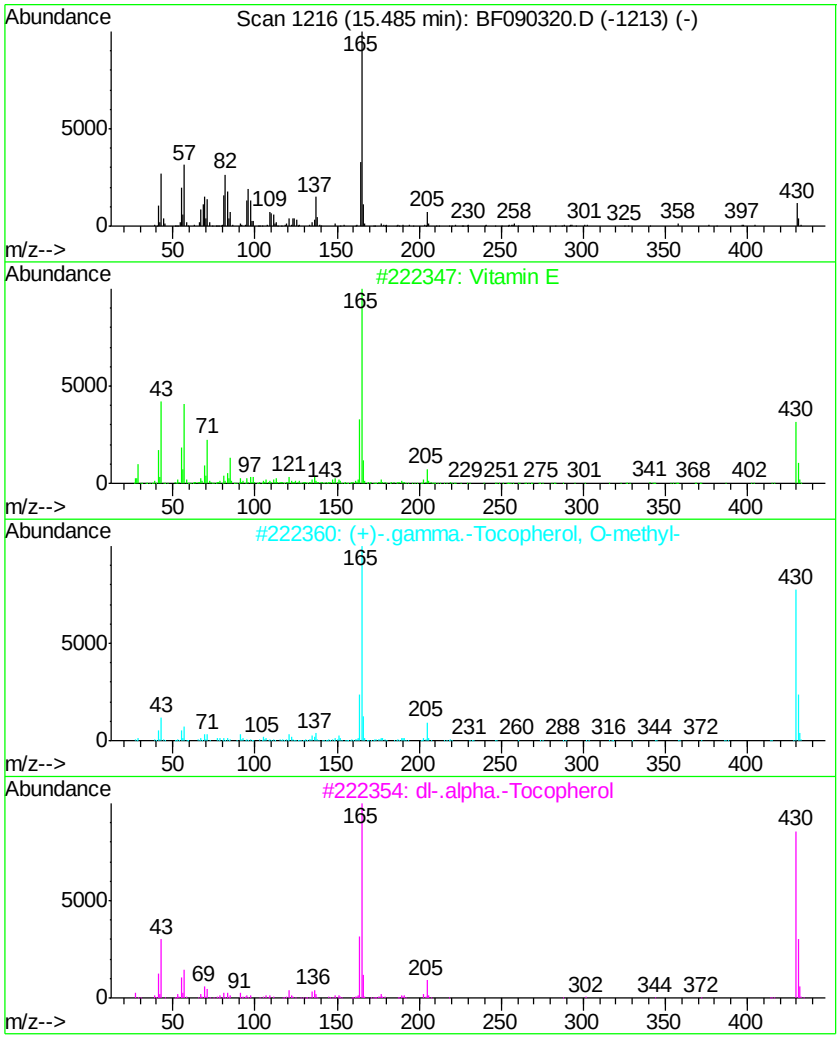
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

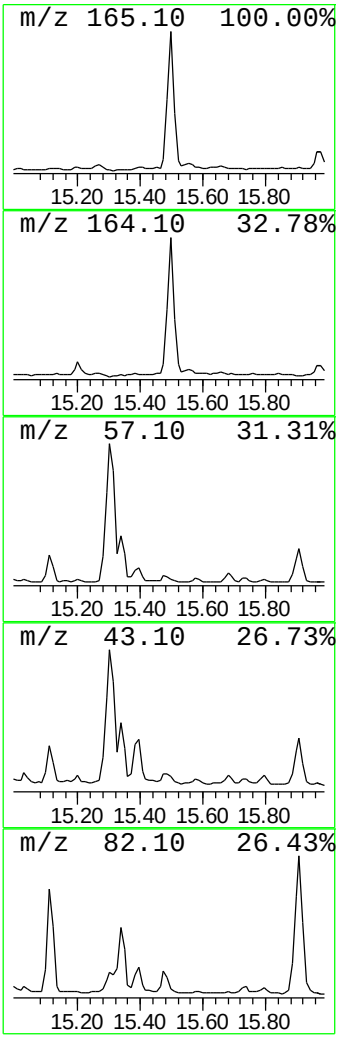
****

Peak Number 13 Vitamin E Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.49	32.85 ng	839901	Perylene-d12	14.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Vitamin E	430	C29H50O2	000059-02-9	83
2	(+)-.gamma.-Tocopherol, O-methyl-	430	C29H50O2	1000374-72-2	70
3	dl-.alpha.-Tocopherol	430	C29H50O2	010191-41-0	53
4	3,6-Dimethyl-5-oxo-1,2,3,5-tetra...	165	C8H11N3O	058910-42-2	52
5	2H-1,4-Benzothiazin-3(4H)-one	165	C8H7NOS	005325-20-2	47





Data Path : Z:\HPCHEM1\BNA F\DATA\BF093016\
Data File : BF090320.D
Acq On : 30 Sep 2016 19:00
Operator : UM/SJ
Sample : H5023-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-NON-TSCA-09272016

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

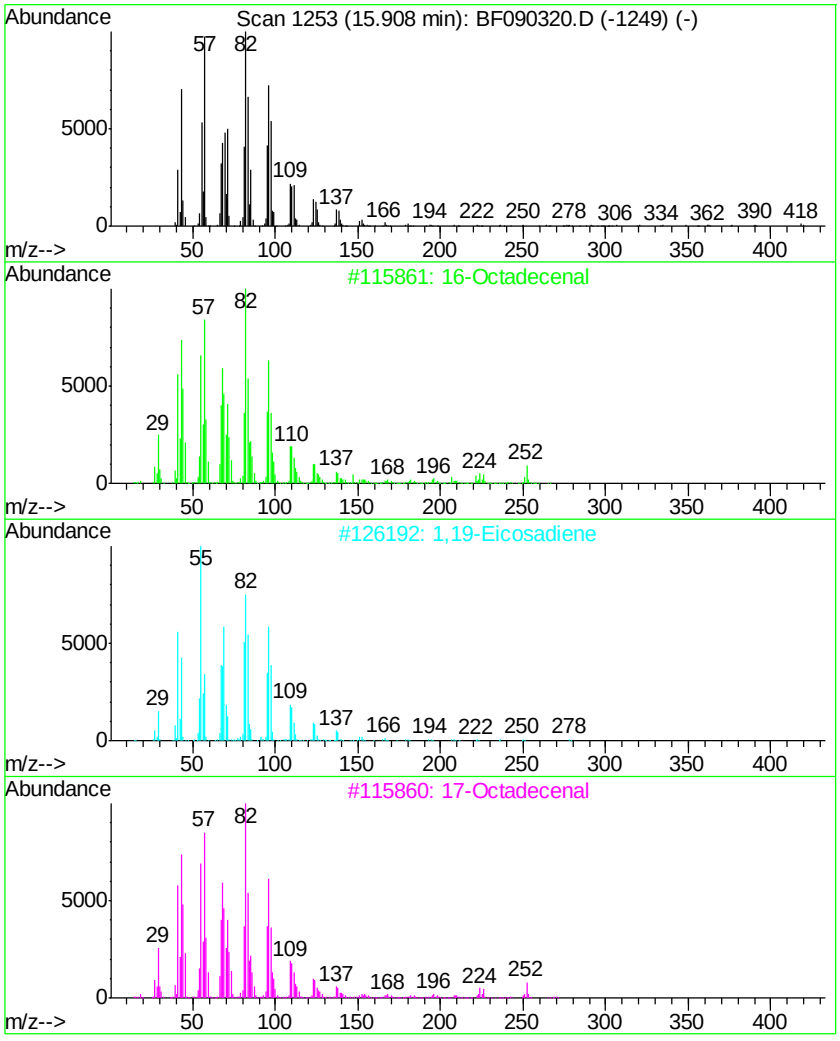
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

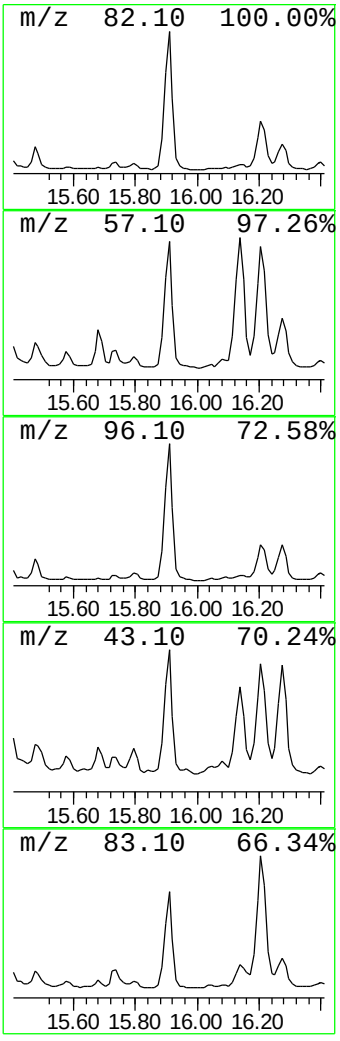
****

Peak Number 14 16-Octadecenal Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.91	85.54 ng	2186680	Perylene-d12	14.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	16-Octadecenal	266	C18H34O	056554-87-1	94
2	1,19-Eicosadiene	278	C20H38	014811-95-1	93
3	17-Octadecenal	266	C18H34O	056554-86-0	91
4	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	91
5	Tetracosanal	352	C24H48O	057866-08-7	91





Data Path : Z:\HPCHEM1\BNA F\DATA\BF093016\
Data File : BF090320.D
Acq On : 30 Sep 2016 19:00
Operator : UM/SJ
Sample : H5023-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-NON-TSCA-09272016

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

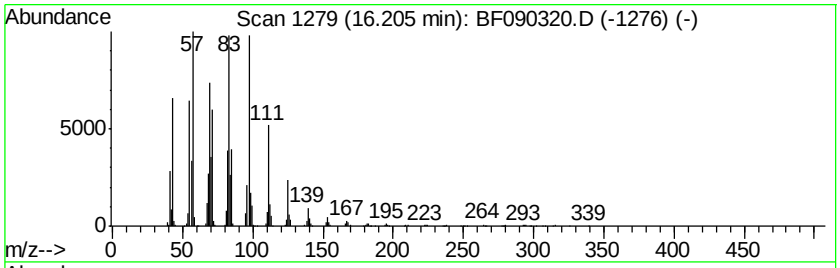
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

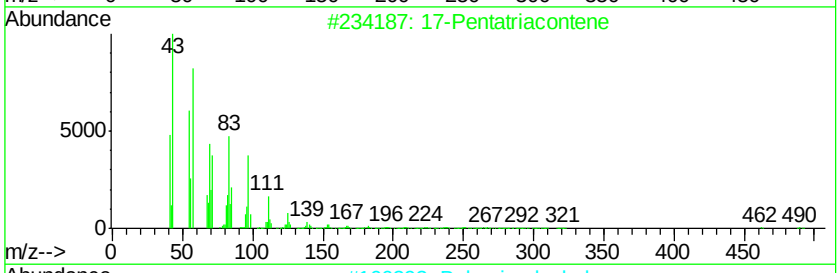
****

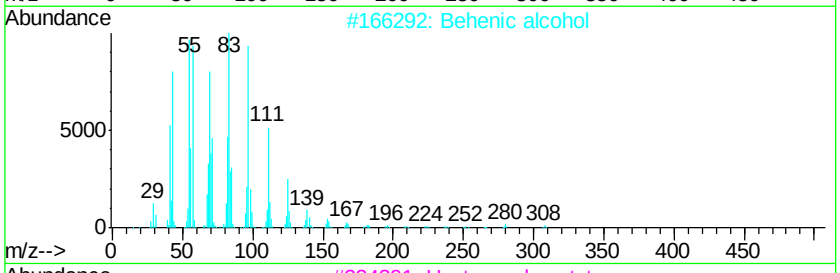
Peak Number 16 17-Pentatriacontene Concentration Rank 4

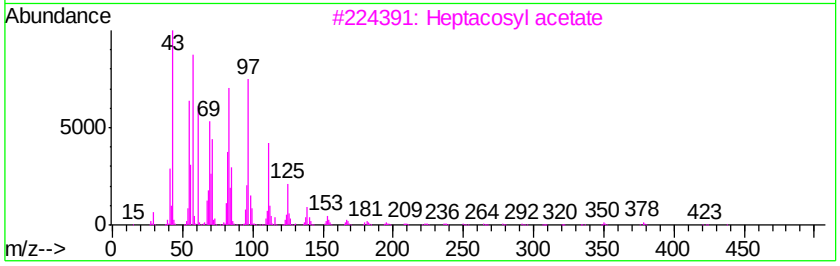
R.T.	EstConc	Area	Relative to ISTD	R.T.
16.21	99.27 ng	2537780	Perylene-d12	14.89

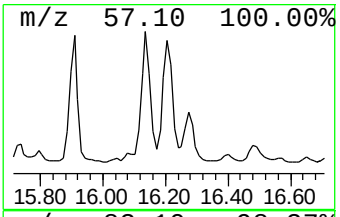
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	17-Pentatriacontene	491	C35H70	006971-40-0	91
2	Behenic alcohol	326	C22H46O	000661-19-8	90
3	Heptacosyl acetate	438	C29H58O2	1000351-78-2	90
4	Octacosanol	410	C28H58O	000557-61-9	90
5	n-Tetracosanol-1	354	C24H50O	000506-51-4	90

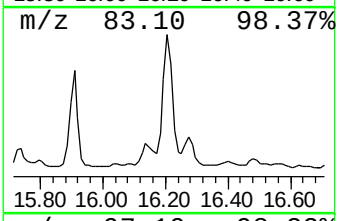


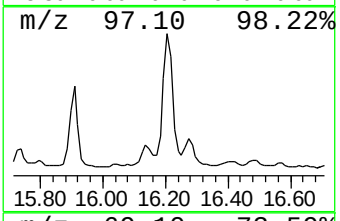


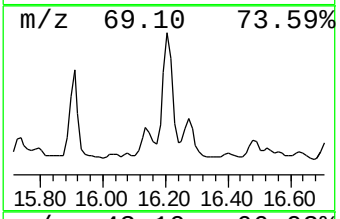


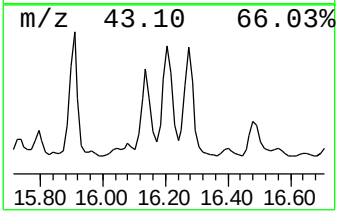












Data Path : Z:\HPCHEM1\BNA F\DATA\BF093016\
Data File : BF090320.D
Acq On : 30 Sep 2016 19:00
Operator : UM/SJ
Sample : H5023-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-NON-TSCA-09272016

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

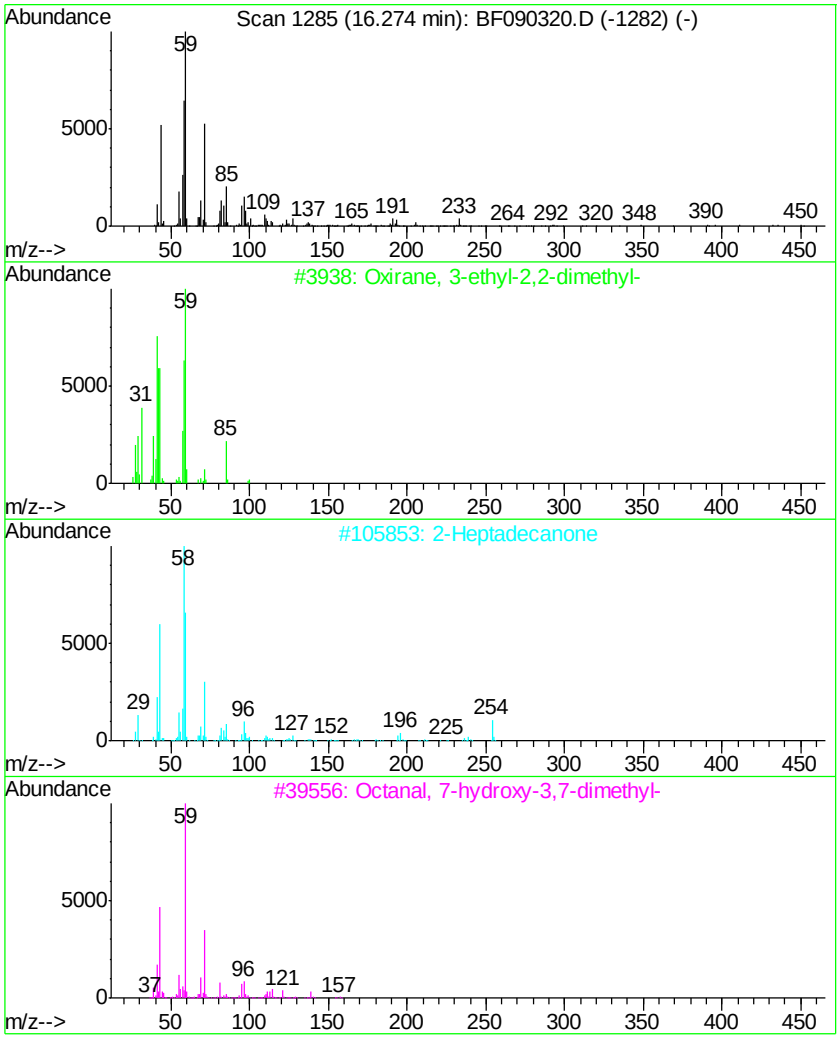
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

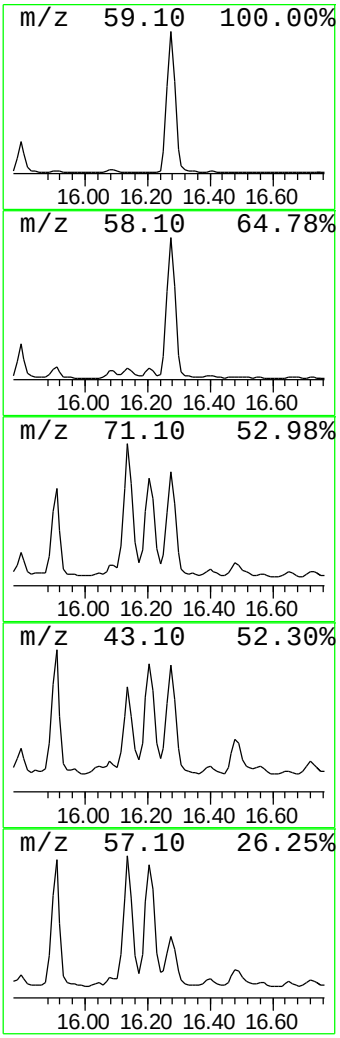
****

Peak Number 17 Oxirane, 3-ethyl-2,2-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.27	70.03 ng	1790260	Perylene-d12	14.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, 3-ethyl-2,2-dimethyl-	100	C6H12O	001192-22-9	52
2	2-Heptadecanone	254	C17H34O	002922-51-2	50
3	Octanal, 7-hydroxy-3,7-dimethyl-	172	C10H20O2	000107-75-5	37
4	7-Octen-2-ol, 2,6-dimethyl-	156	C10H20O	018479-58-8	35
5	3-Tetradecanol	214	C14H30O	001653-32-3	32





Data Path : Z:\HPCHEM1\BNA F\DATA\BF093016\
Data File : BF090320.D
Acq On : 30 Sep 2016 19:00
Operator : UM/SJ
Sample : H5023-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-NON-TSCA-09272016

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

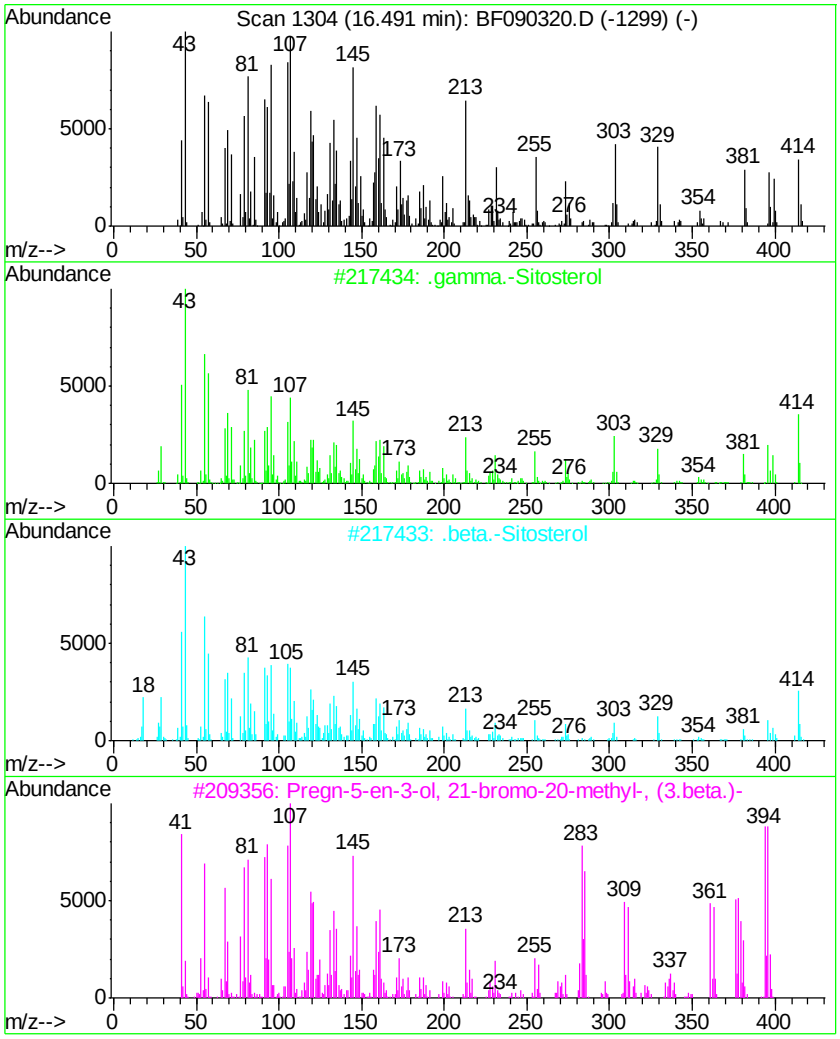
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

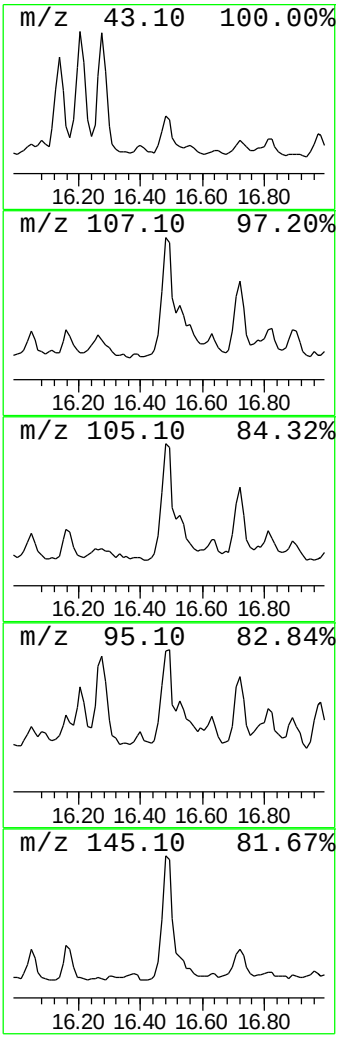
****

Peak Number 18 .gamma.-Sitosterol Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.49	60.51 ng	1546990	Perylene-d12	14.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.gamma.-Sitosterol	414	C29H50O	000083-47-6	98
2	.beta.-Sitosterol	414	C29H50O	000083-46-5	98
3	Pregn-5-en-3-ol, 21-bromo-20-met...	394	C22H35BrO	055103-80-5	95
4	Stigmastan-3-en-6-ol	414	C29H50O	1000214-19-7	30
5	Norflurazon	303	C12H9ClF3N3O	027314-13-2	18





Data Path : Z:\HPCHEM1\BNA F\DATA\BF093016\
Data File : BF090320.D
Acq On : 30 Sep 2016 19:00
Operator : UM/SJ
Sample : H5023-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-NON-TSCA-09272016

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

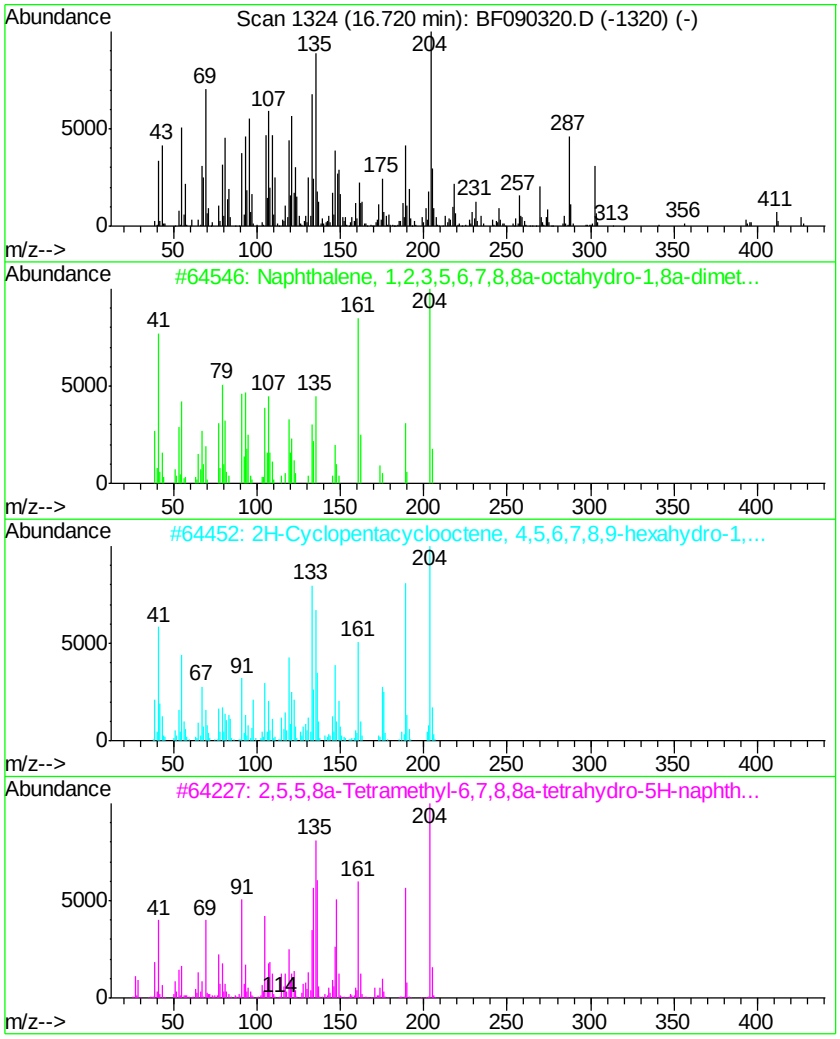
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

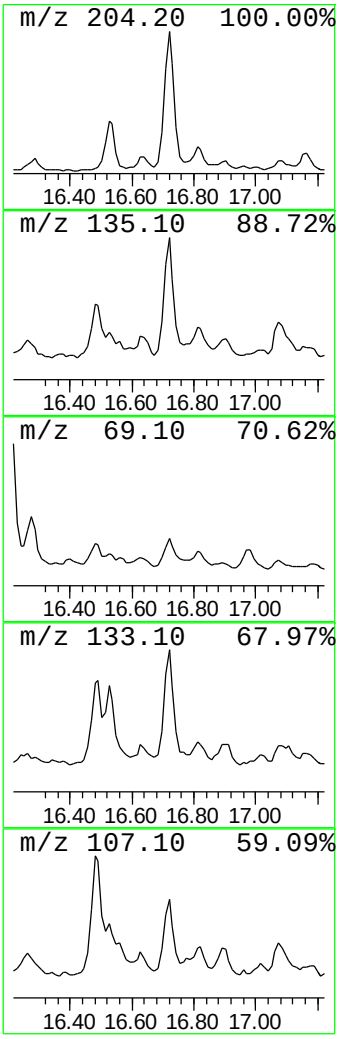
****

Peak Number 19 Naphthalene, 1,2,3,5,6,7,8,... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.72	40.30 ng	1030320	Perylene-d12	14.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,5,6,7,8,8a-oc...	204	C15H24	004630-07-3	53
2	2H-Cyclopentacyclooctene, 4,5,6,...	204	C15H24	1000221-85-8	46
3	2,5,5,8a-Tetramethyl-6,7,8,8a-te...	204	C14H20O	124957-09-1	46
4	4,6,6-Trimethyl-2-(3-methylbuta-...	218	C15H22O	1000190-22-2	44
5	1H-3a,7-Methanoazulene, 2,3,6,7,...	204	C15H24	000560-32-7	43





Data Path : Z:\HPCHEM1\BNA F\DATA\BF093016\
Data File : BF090320.D
Acq On : 30 Sep 2016 19:00
Operator : UM/SJ
Sample : H5023-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-NON-TSCA-09272016

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

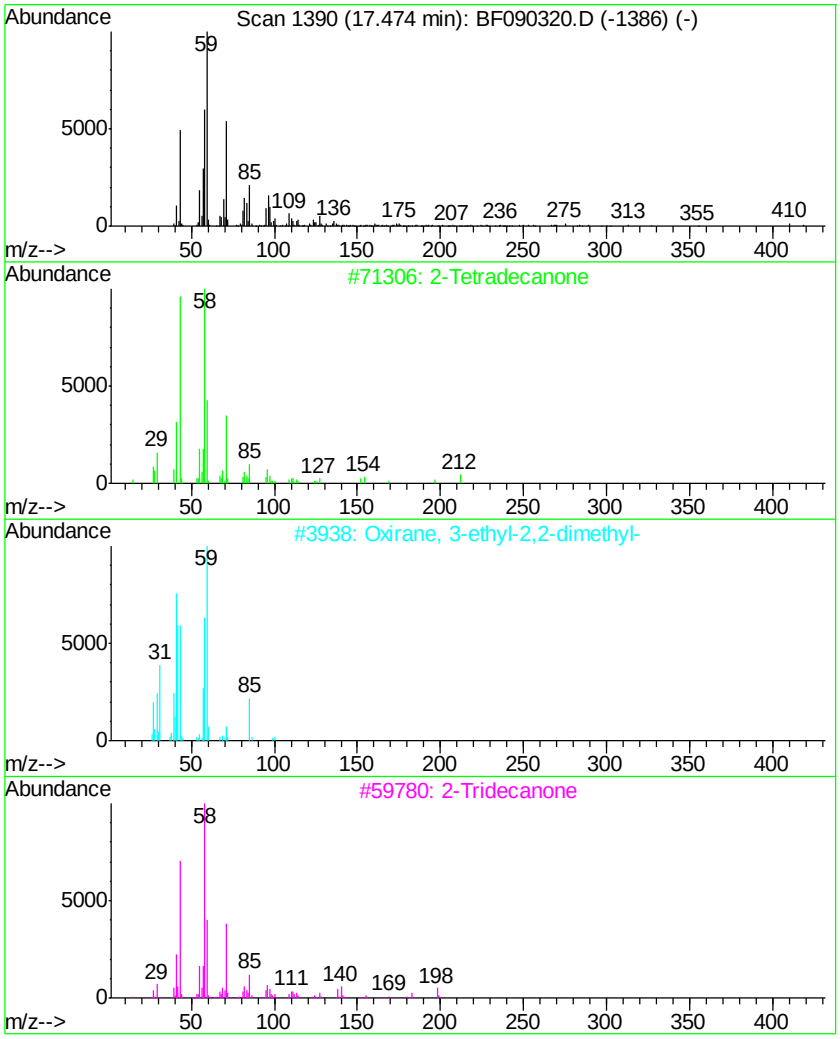
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

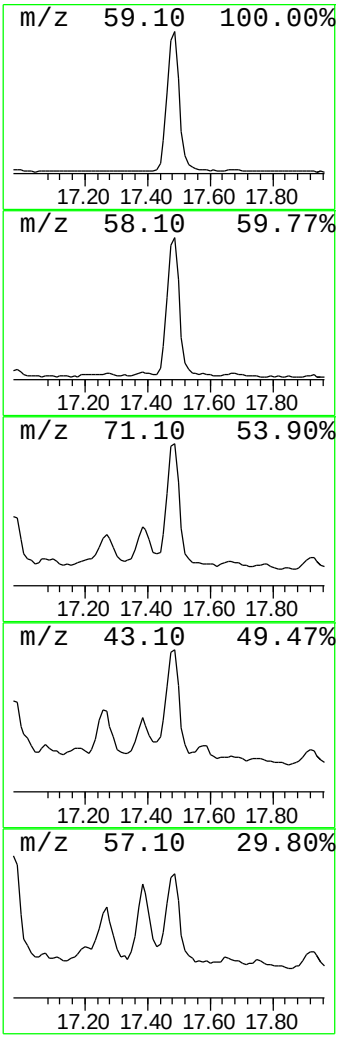
****

Peak Number 20 2-Tetradecanone Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.47	29.38 ng	750992	Perylene-d12	14.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Tetradecanone	212	C14H28O	002345-27-9	59
2	Oxirane, 3-ethyl-2,2-dimethyl-	100	C6H12O	001192-22-9	50
3	2-Tridecanone	198	C13H26O	000593-08-8	50
4	d-Ribo-tetrofuranose, 4-c-cyclop...	200	C10H16O4	030571-50-7	43
5	2-Heptadecanone	254	C17H34O	002922-51-2	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF093016\
Data File : BF090320.D
Acq On : 30 Sep 2016 19:00
Operator : UM/SJ
Sample : H5023-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-NON-TSCA-09272016

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown6.22	6.22	67.8	ng	2516360	1	6.44	742861	20.0
Cyclohexadecane	13.46	44.0	ng	2657200	5	13.57	1207480	20.0
1-Docosene	14.09	71.3	ng	4305870	5	13.57	1207480	20.0
Sulfurous acid, p...	14.38	47.5	ng	1215260	6	14.89	511292	20.0
Hexacosane	14.66	232.2	ng	5937220	6	14.89	511292	20.0
2-methyloctacosane	14.96	31.0	ng	792472	6	14.89	511292	20.0
1,19-Eicosadiene	15.11	51.5	ng	1315180	6	14.89	511292	20.0
Heneicosane	15.30	195.2	ng	4991340	6	14.89	511292	20.0
1-Heneicosanol	15.34	74.0	ng	1892910	6	14.89	511292	20.0
2-Heptacosanone	15.39	59.3	ng	1516290	6	14.89	511292	20.0
Vitamin E	15.49	32.9	ng	839901	6	14.89	511292	20.0
16-Octadecenal	15.91	85.5	ng	2186680	6	14.89	511292	20.0
17-Pentatriacontene	16.21	99.3	ng	2537780	6	14.89	511292	20.0
Oxirane, 3-ethyl-...	16.27	70.0	ng	1790260	6	14.89	511292	20.0
.gamma.-Sitosterol	16.49	60.5	ng	1546990	6	14.89	511292	20.0
Naphthalene, 1,2,...	16.72	40.3	ng	1030320	6	14.89	511292	20.0
2-Tetradecanone	17.47	29.4	ng	750992	6	14.89	511292	20.0