LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100416\
Data File : BF090364.D
Acq On : 5 Oct 2016 1:28
Operator : UM/SJ
Sample : H5025-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PA-3

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-BF100416.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.217	249	252	255	rVB	1006158	1250743	16.91%	1.019%
2	5.617	285	287	289	rVB	4003722	4968180	67.16%	4.049%
3	6.554	366	369	371	rBV	92635	109546	1.48%	0.089%
4	6.634	373	376	378	rVV	5205599	4931488	66.66%	4.019%
5	6.783	386	389	391	rBV	5563890	5510061	74.48%	4.490%
6	7.011	407	409	411	rBV	1673066	1357581	18.35%	1.106%
7	7.171	420	423	425	rVB	4864778	4126303	55.78%	3.363%
8	7.571	455	458	460	rBV	3519533	3052379	41.26%	2.487%
9	7.652	463	465	468	rBV	151664	154140	2.08%	0.126%
10	8.006	492	496	498	rBV2	176118	347383	4.70%	0.283%
11	8.303	519	522	524	rBV	1654340	1675368	22.65%	1.365%
12	8.532	540	542	544	rBV	138537	184134	2.49%	0.150%
13	9.012	582	584	586	rVB	193864	147063	1.99%	0.120%
14	9.057	586	588	591	rBV	210438	259048	3.50%	0.211%
15	9.377	613	616	618	rBV	6541158	5348385	72.30%	4.358%
16	9.457	618	623	626	rBV3	55849	124620	1.68%	0.102%
17	9.720	643	646	649	rBV4	76446	204995	2.77%	0.167%
18	9.766	649	650	652	rVV	1521740	1277068	17.26%	1.041%
19	9.983	666	669	672	rVB3	66225	144922	1.96%	0.118%
20	10.063	673	676	678	rVB	1271100	1558089	21.06%	1.270%
21	10.166	680	685	687	rBV2	54458	106095	1.43%	0.086%
22	10.257	687	693	696	rBV3	119910	200270	2.71%	0.163%
23	10.486	709	713	715	rBV2	169817	253051	3.42%	0.206%
24	10.715	730	733	734	rBV	77178	104209	1.41%	0.085%
25	10.852	742	745	746	rBV	2696991	3196406	43.21%	2.605%
26	10.966	753	755	761	rVB	243771	360177	4.87%	0.294%
27	11.058	761	763	765	rBV2	57062	119289	1.61%	0.097%
28	11.206	773	776	778	rVB3	137454	176783	2.39%	0.144%
29	11.252	778	780	782	rBV	115831	109507	1.48%	0.089%
30	11.412	791	794	796	rBV	165769	210455	2.84%	0.171%
31	11.549	804	806	807	rVV	2028616	1678736	22.69%	1.368%
32	11.572	807	808	810	rVV	432984	364523	4.93%	0.297%
33	11.606	810	811	814	rVB2	130230	142684	1.93%	0.116%
34	11.766	823	825	827	rBV2	374136	435120	5.88%	0.355%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100416\
Data File : BF090364.D
Acq On : 5 Oct 2016 1:28
Operator : UM/SJ
Sample : H5025-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PA-3

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-BF100416.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.846	829	832	834	rVV2	110729	134353	1.82%	0.109%
36	12.075	850	852	858	rVV	2051462	2151156	29.08%	1.753%
37	12.166	858	860	864	rVB3	119056	237640	3.21%	0.194%
38	12.246	865	867	869	rBV	117838	151629	2.05%	0.124%
39	12.349	873	876	880	rBV3	94740	286325	3.87%	0.233%
40	12.601	895	898	899	rBV2	171441	264158	3.57%	0.215%
41	12.646	899	902	904	rVB2	103652	181037	2.45%	0.148%
42	12.692	904	906	908	rVB3	65725	96011	1.30%	0.078%
43	12.761	910	912	919	rBV	708082	1433378	19.38%	1.168%
44	12.863	919	921	925	rBV	1371703	1402003	18.95%	1.142%
45	13.001	929	933	935	rBV2	446306	769272	10.40%	0.627%
46	13.138	943	945	947	rBV	4833500	5566639	75.25%	4.536%
47	13.218	947	952	962	rVV6	482542	2635894	35.63%	2.148%
48	13.343	962	963	964	rVV	509634	395458	5.35%	0.322%
49	13.378	964	966	968	rVB2	164501	202753	2.74%	0.165%
50	13.492	974	976	980	rBV3	103974	275654	3.73%	0.225%
51	13.561	980	982	983	rBV2	85871	118735	1.60%	0.097%
52	13.584	983	984	988	rVV4	196071	413764	5.59%	0.337%
53	13.698	992	994	1000	rVV6	217200	541478	7.32%	0.441%
54	13.835	1003	1006	1008	rBV	426700	429127	5.80%	0.350%
55	13.938	1013	1015	1017	rBV3	93789	194261	2.63%	0.158%
56	14.006	1018	1021	1022	rVV2	242296	386250	5.22%	0.315%
57	14.041	1022	1024	1027	rVV	1980776	2579285	34.86%	2.102%
58	14.086	1027	1028	1033	rVB5	111151	130037	1.76%	0.106%
59	14.201	1033	1038	1039	rBV3	2089544	3318157	44.85%	2.704%
60	14.258	1041	1043	1046	rVV	860557	928789	12.55%	0.757%
61	14.304	1046	1047	1049	rVV2	147624	156389	2.11%	0.127%
62	14.361	1050	1052	1056	rVB2	485359	546711	7.39%	0.446%
63	14.486	1061	1063	1065	rVV	826965	766992	10.37%	0.625%
64	14.578	1069	1071	1073	rVV2	304895	522708	7.07%	0.426%
65	14.681	1077	1080	1082	rVV	5887706	7397953	100.00%	6.029%
66	14.726	1082	1084	1087	rVV3	269297	609407	8.24%	0.497%
67	14.807	1089	1091	1092	rVV2	316600	406669	5.50%	0.331%
68	14.898	1096	1099	1102	rVV	1429871	1898570	25.66%	1.547%
69	15.001	1105	1108	1112	rVV	579412	1139576	15.40%	0.929%
70	15.069	1112	1114	1118	rVV3	177416	320534	4.33%	0.261%
71	15.149	1118	1121	1123	rVV	2921409	3307407	44.71%	2.695%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100416\
Data File : BF090364.D
Acq On : 5 Oct 2016 1:28
Operator : UM/SJ
Sample : H5025-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PA-3

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-BF100416.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	15.264	1127	1131	1136	rBV	372563	1011022	13.67%	0.824%
73	15.367	1136	1140	1144	rBV2	2705497	6086597	82.27%	4.960%
74	15.435	1144	1146	1152	rVB2	249789	411615	5.56%	0.335%
75	15.527	1152	1154	1156	rBV	400928	449460	6.08%	0.366%
76	15.572	1156	1158	1160	rBV	138105	200942	2.72%	0.164%
77	15.641	1162	1164	1167	rBV	489801	620374	8.39%	0.506%
78	15.709	1167	1170	1172	rBV	1074583	1212490	16.39%	0.988%
79	15.869	1181	1184	1187	rVB3	169841	312521	4.22%	0.255%
80	15.961	1189	1192	1195	rBV	2697205	3913513	52.90%	3.189%
81	16.087	1201	1203	1207	rVB3	165087	281219	3.80%	0.229%
82	16.212	1211	1214	1216	rBV	1194562	1962444	26.53%	1.599%
83	16.258	1216	1218	1223	rVB	1468938	2283285	30.86%	1.861%
84	16.338	1223	1225	1227	rBV	268121	367985	4.97%	0.300%
85	16.464	1233	1236	1246	rVB2	399133	1113617	15.05%	0.907%
86	16.635	1248	1251	1256	rVB4	129608	319513	4.32%	0.260%
87	16.807	1264	1266	1269	rBV	111003	187263	2.53%	0.153%
88	17.058	1284	1288	1292	rBV	1526016	3097458	41.87%	2.524%
89	17.378	1312	1316	1319	rBV	335208	835288	11.29%	0.681%
90	17.458	1319	1323	1328	rVV	893624	2449221	33.11%	1.996%
91	17.561	1329	1332	1340	rVB	386181	1268974	17.15%	1.034%
92	17.870	1355	1359	1363	rBV	647944	1518376	20.52%	1.237%
93	18.064	1373	1376	1379	rBV2	116973	312174	4.22%	0.254%
94	18.224	1386	1390	1394	rBV	467830	1192230	16.12%	0.972%
95	18.464	1409	1411	1415	rVB4	143250	339293	4.59%	0.276%
96	18.567	1416	1420	1423	rBV	391560	1049131	14.18%	0.855%
97	18.715	1429	1433	1439	rBV	700066	1943332	26.27%	1.584%
98	18.875	1444	1447	1450	rVV2	161930	391038	5.29%	0.319%
99	18.955	1451	1454	1461	rVB2	158541	515680	6.97%	0.420%
100	19.138	1467	1470	1476	rVB	190349	584152	7.90%	0.476%

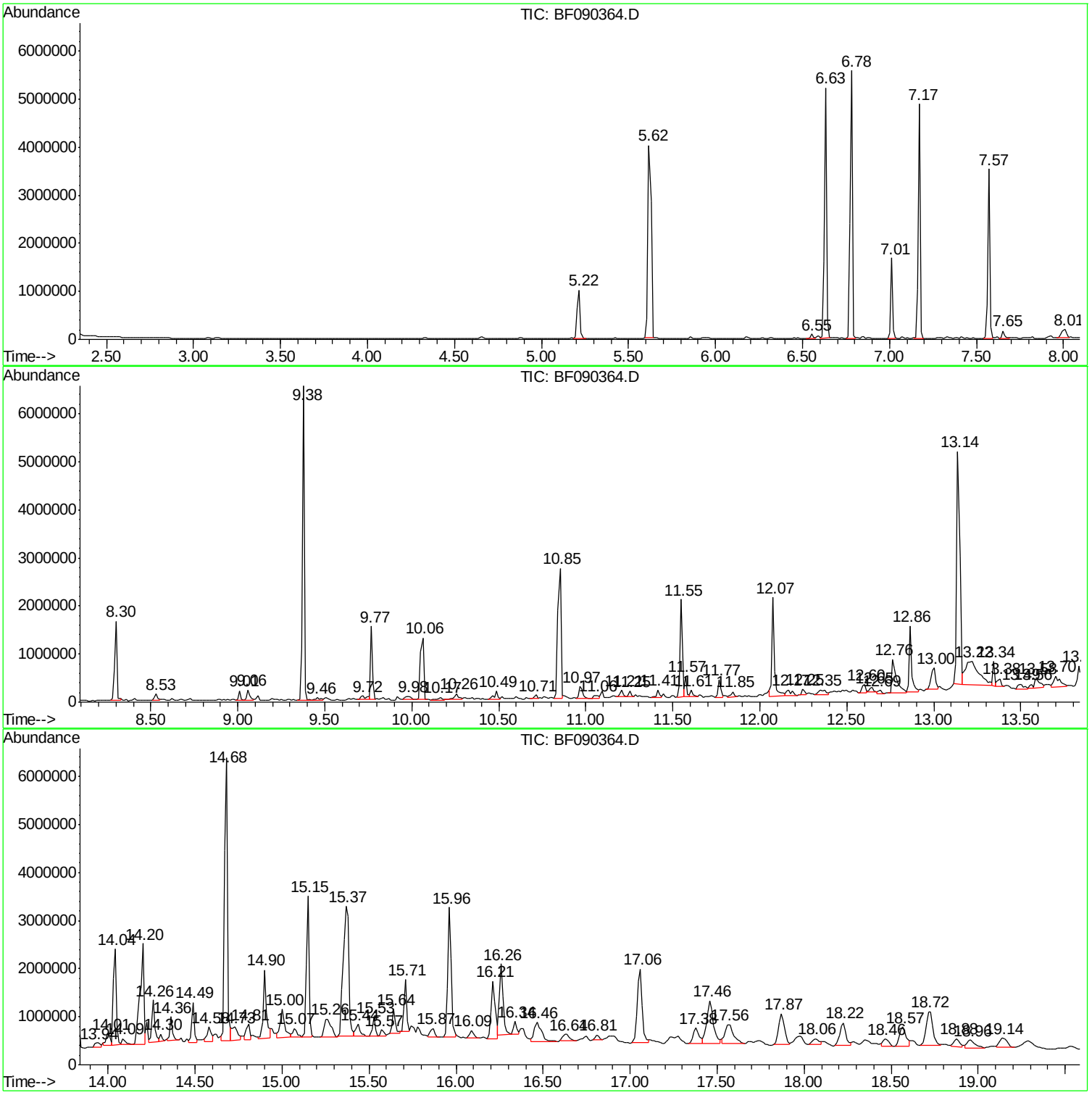
Sum of corrected areas: 122715167

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100416\
Data File : BF090364.D
Acq On : 5 Oct 2016 1:28
Operator : UM/SJ
Sample : H5025-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PA-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF100416.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\BF100416\
Data File : BF090364.D
Acq On : 5 Oct 2016 1:28
Operator : UM/SJ
Sample : H5025-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PA-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF100416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

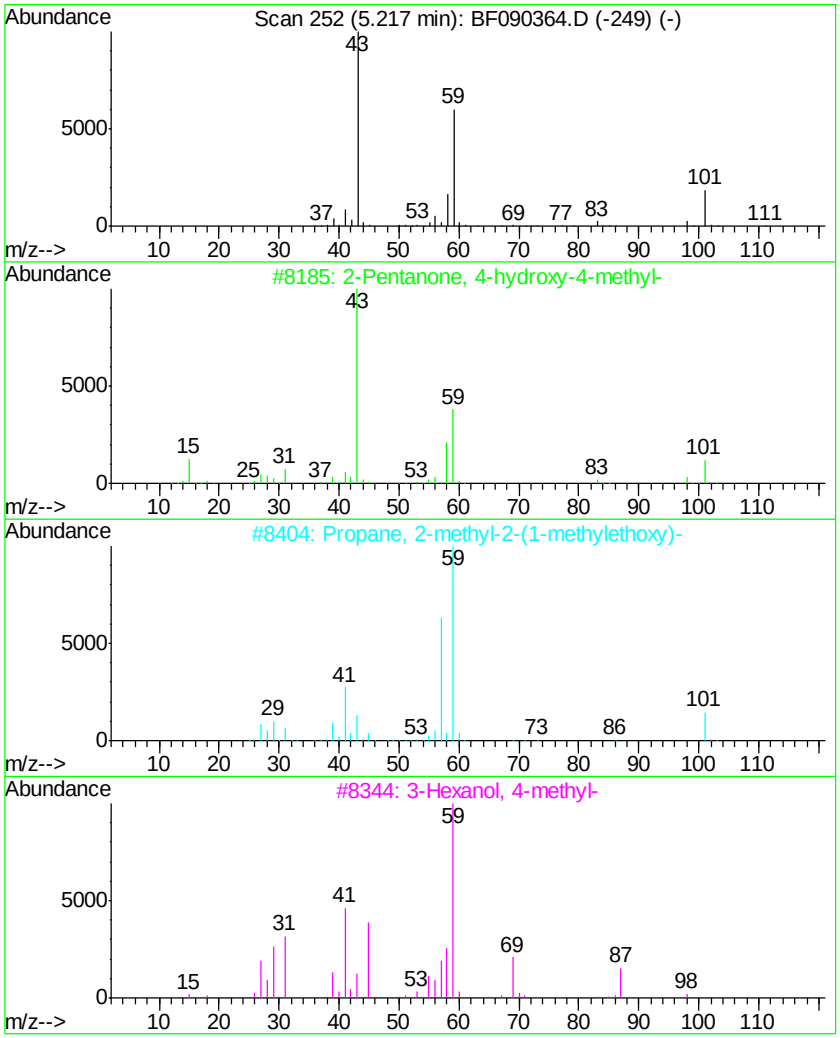
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

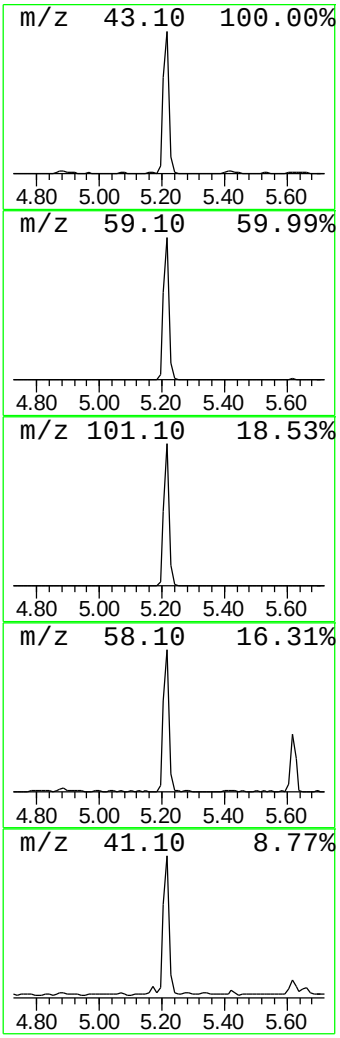
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.22	18.43 ng	1250740	1,4-Dichlorobenzene-d4	7.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
5	Acetone	58	C3H6O	000067-64-1	9





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100416\
Data File : BF090364.D
Acq On : 5 Oct 2016 1:28
Operator : UM/SJ
Sample : H5025-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PA-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF100416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

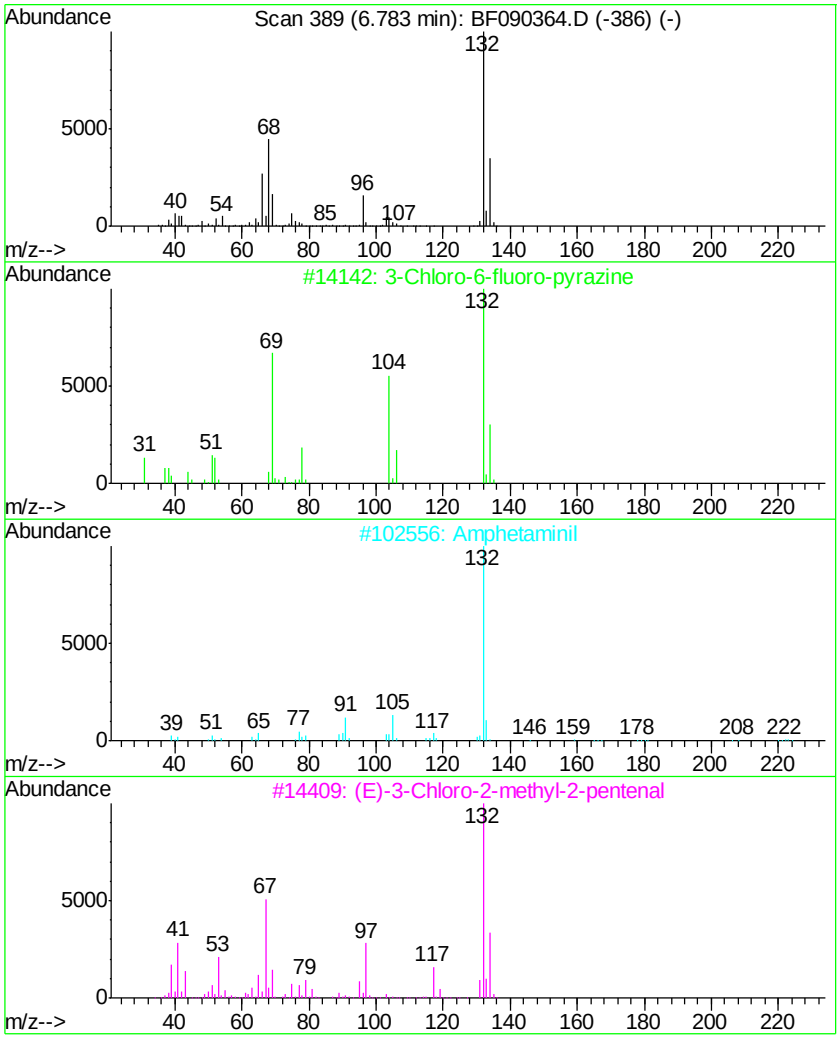
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

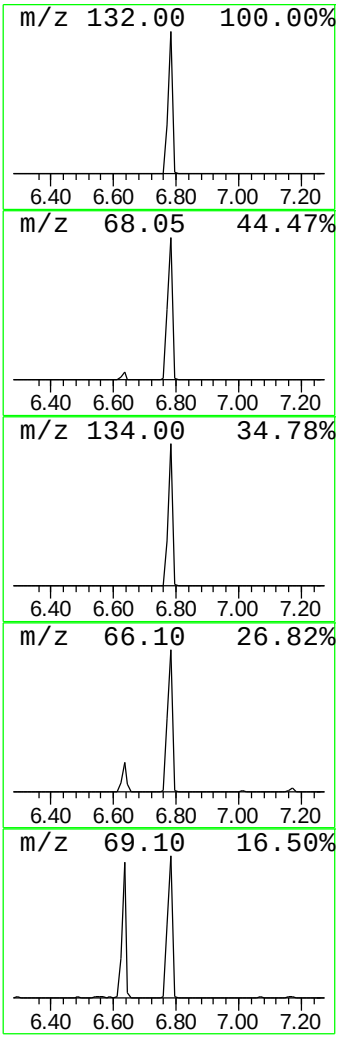
****

Peak Number 2 unknown6.78 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.78	81.17 ng	5510060	1,4-Dichlorobenzene-d4	7.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	Amphetaminil	250	C17H18N2	017590-01-1	10
3	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
4	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
5	Xenon	132	Xe	007440-63-3	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100416\
Data File : BF090364.D
Acq On : 5 Oct 2016 1:28
Operator : UM/SJ
Sample : H5025-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PA-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF100416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

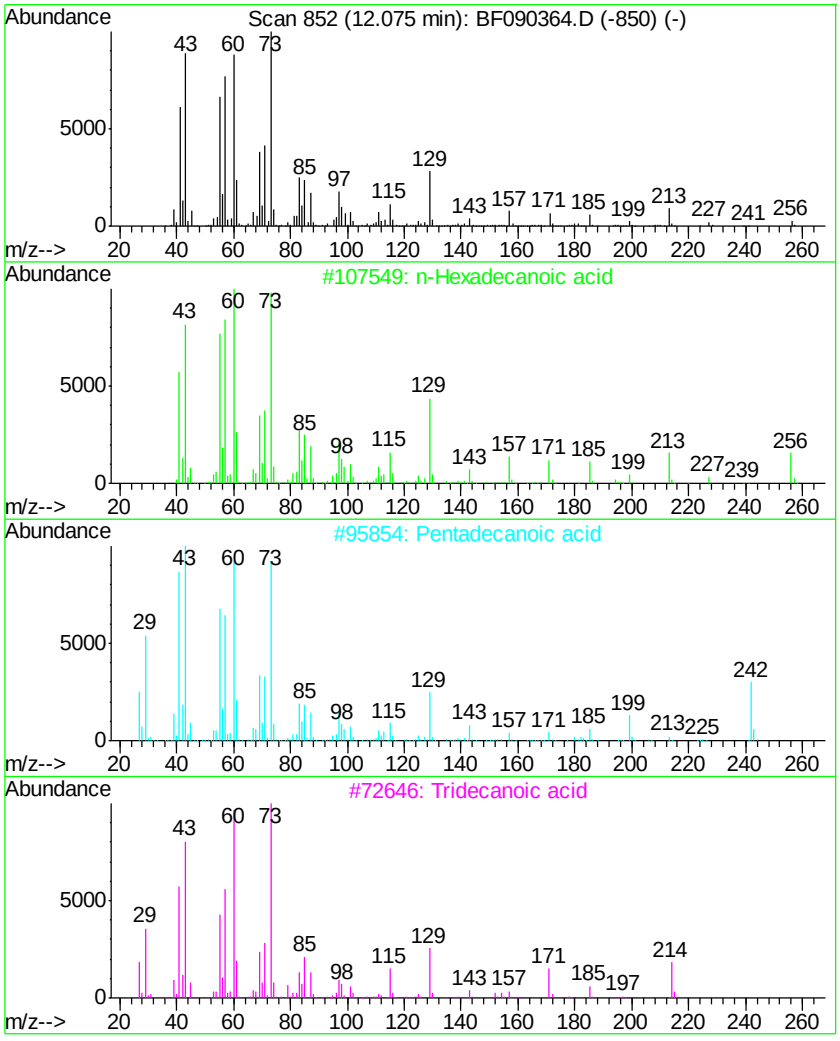
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

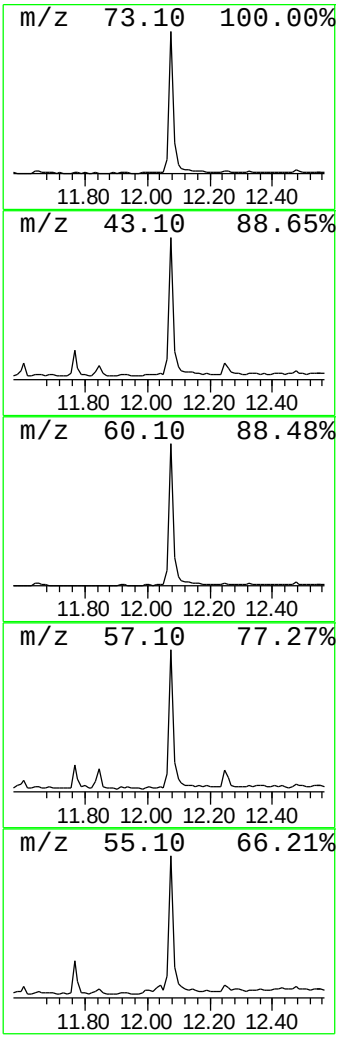
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.07	25.63 ng	2151160	Phenanthrene-d10	11.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
3	Tridecanoic acid	214	C13H26O2	000638-53-9	86
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5	Oxalic acid, allyl hexadecyl ester	354	C21H38O4	1000309-24-4	30





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100416\
Data File : BF090364.D
Acq On : 5 Oct 2016 1:28
Operator : UM/SJ
Sample : H5025-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PA-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF100416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

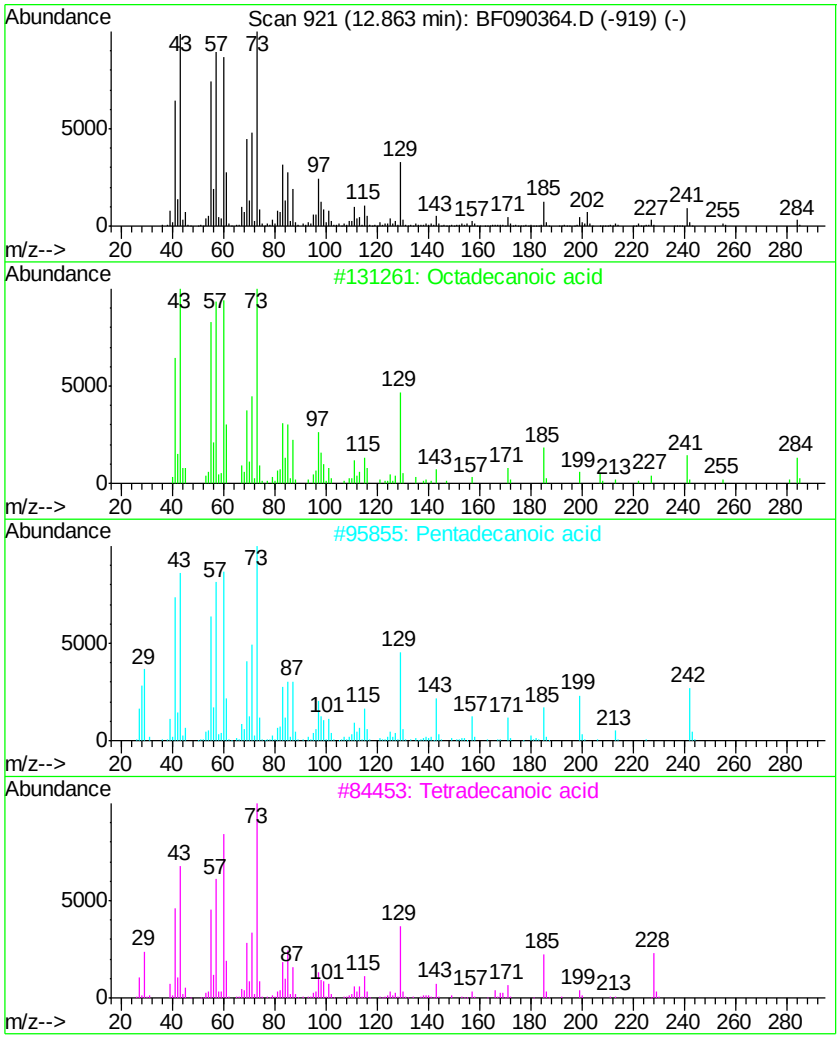
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

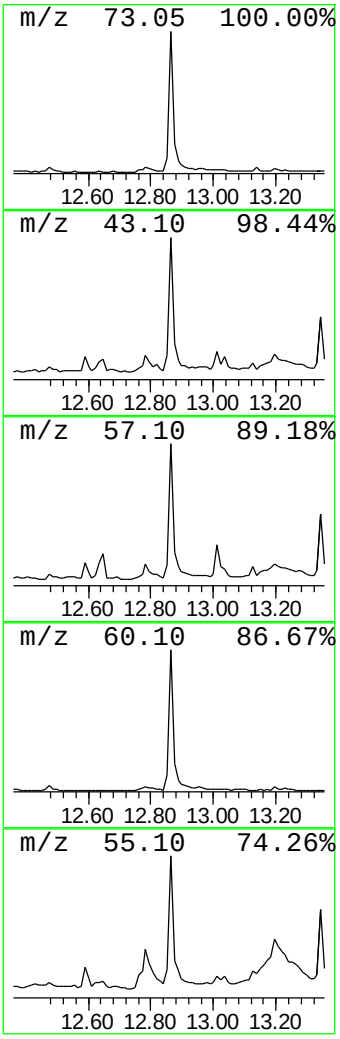
****

Peak Number 5 Octadecanoic acid Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.86	16.70 ng	1402000	Phenanthrene-d10	11.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	90
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83
5	Oxalic acid, propyl tetradecyl e...	328	C19H36O4	1000309-26-7	38





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100416\
Data File : BF090364.D
Acq On : 5 Oct 2016 1:28
Operator : UM/SJ
Sample : H5025-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PA-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF100416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

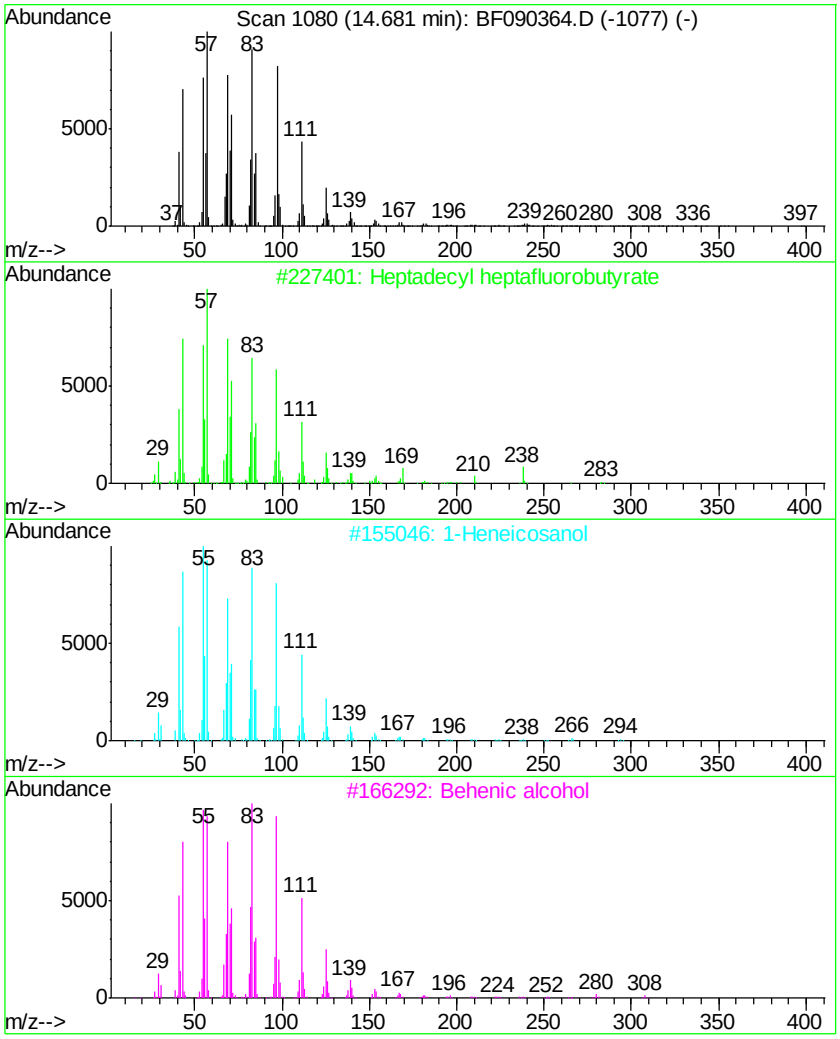
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

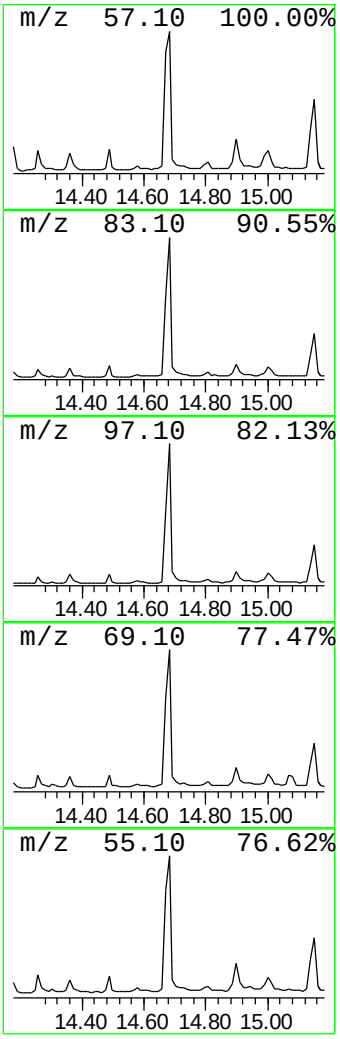
****

Peak Number 6 Heptadecyl heptafluorobutyrate Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.68	44.59 ng	7397950	Chrysene-d12	14.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
2	1-Heneicosanol	312	C21H44O	015594-90-8	94
3	Behenic alcohol	326	C22H46O	000661-19-8	94
4	Cyclohexadecane	224	C16H32	000295-65-8	93
5	n-Tetracosanol-1	354	C24H50O	000506-51-4	93





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100416\
Data File : BF090364.D
Acq On : 5 Oct 2016 1:28
Operator : UM/SJ
Sample : H5025-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PA-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF100416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

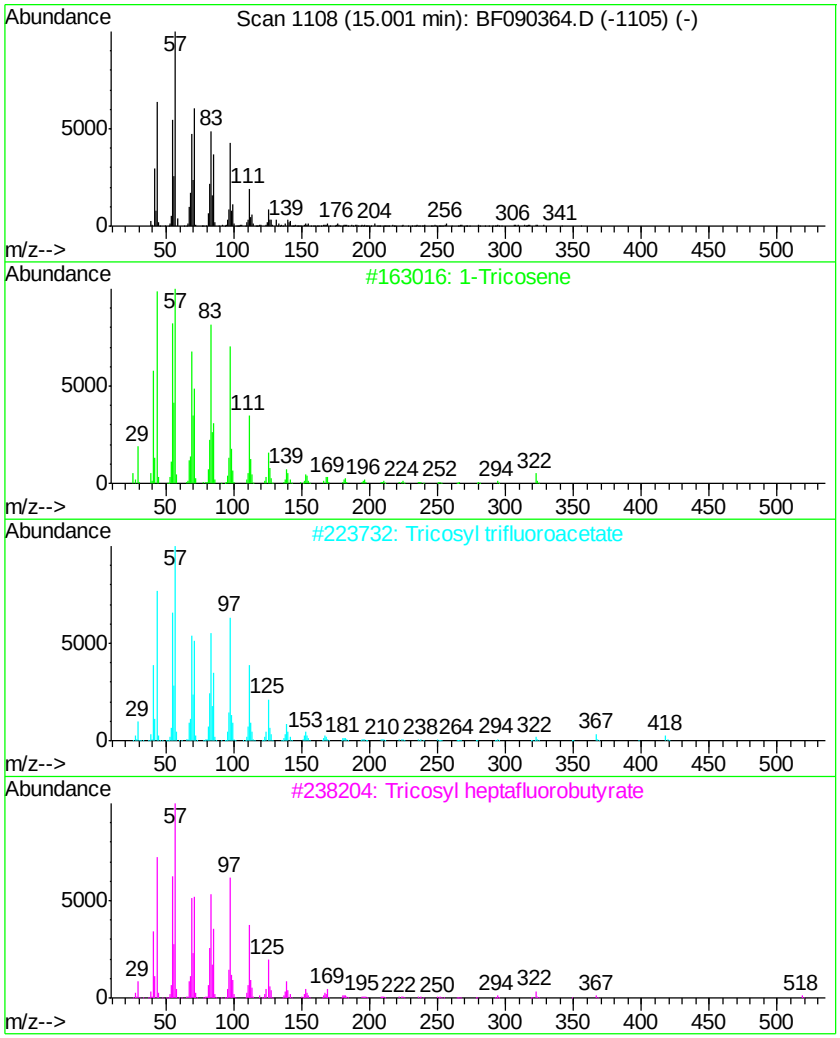
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

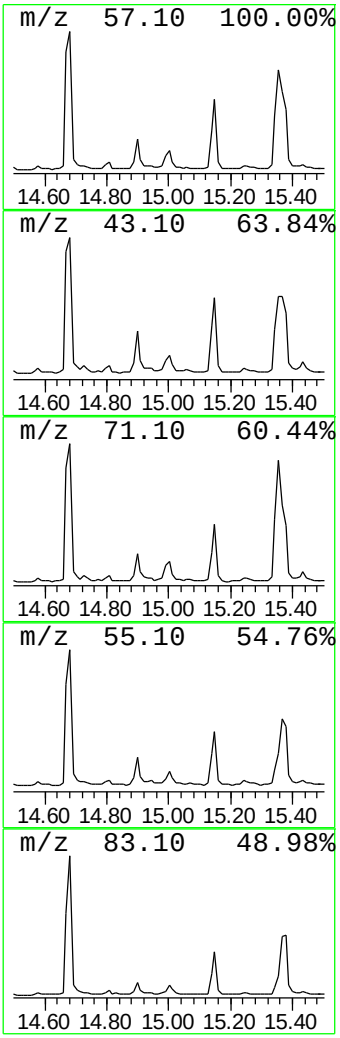
****

Peak Number 7 1-Tricosene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.00	18.80 ng	1139580	Perylene-d12	15.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tricosene	322	C23H46	018835-32-0	94
2	Tricosyl trifluoroacetate	436	C25H47F3O2	1000351-75-1	91
3	Tricosyl heptafluorobutyrate	536	C27H47F7O2	1000351-83-4	87
4	Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	83
5	Heneicosyl heptafluorobutyrate	508	C25H43F7O2	1000351-83-8	83





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100416\
Data File : BF090364.D
Acq On : 5 Oct 2016 1:28
Operator : UM/SJ
Sample : H5025-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PA-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF100416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

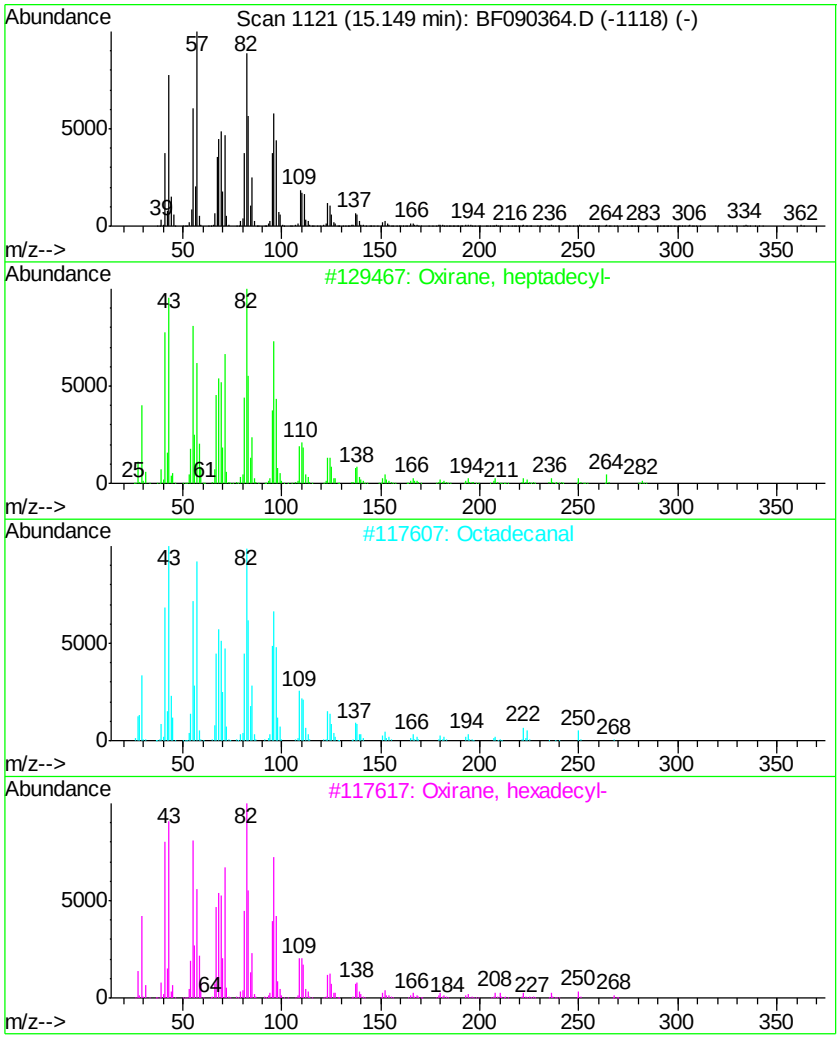
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

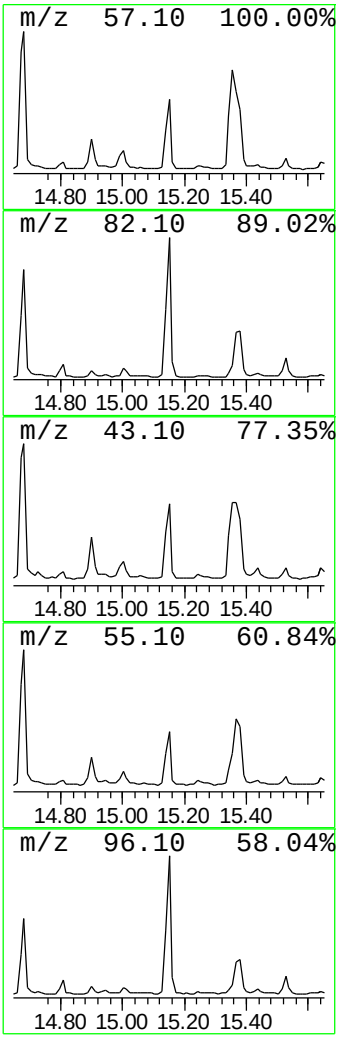
****

Peak Number 8 Oxirane, heptadecyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.15	54.56 ng	3307410	Perylene-d12	15.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	94
2	Octadecanal	268	C18H36O	000638-66-4	91
3	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	90
4	Tetradecanal	212	C14H28O	000124-25-4	87
5	Hexadecanal	240	C16H32O	000629-80-1	83





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100416\
Data File : BF090364.D
Acq On : 5 Oct 2016 1:28
Operator : UM/SJ
Sample : H5025-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PA-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF100416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

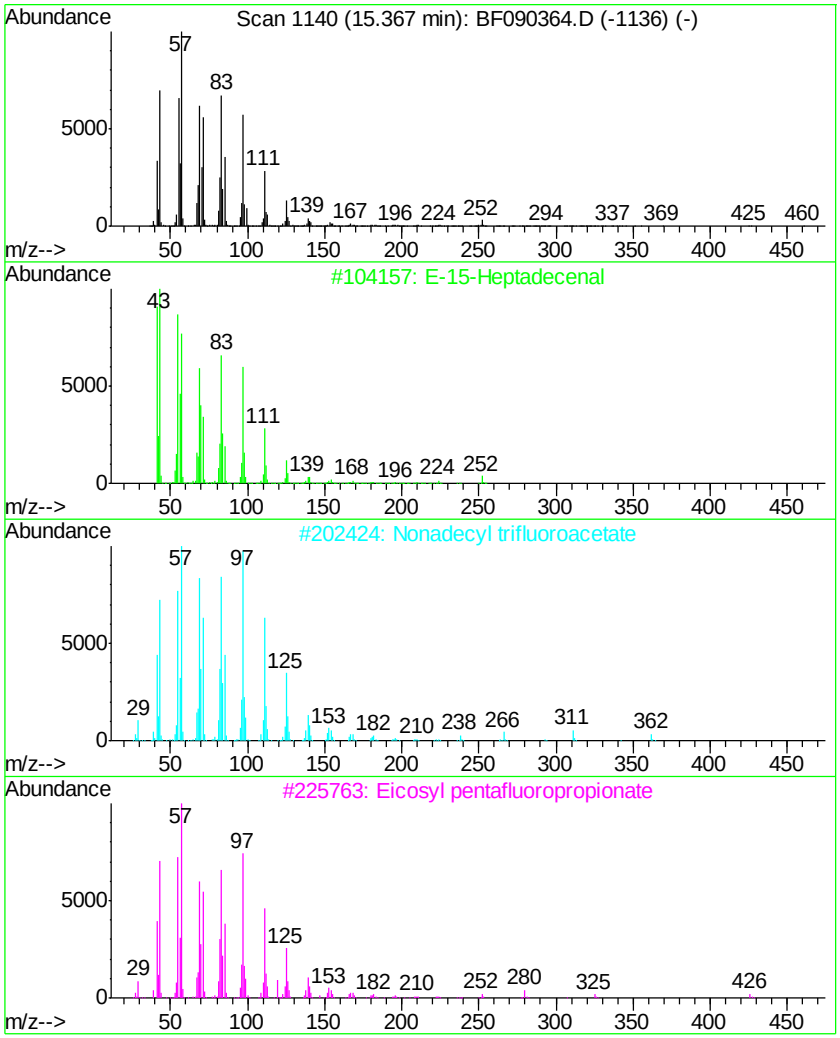
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

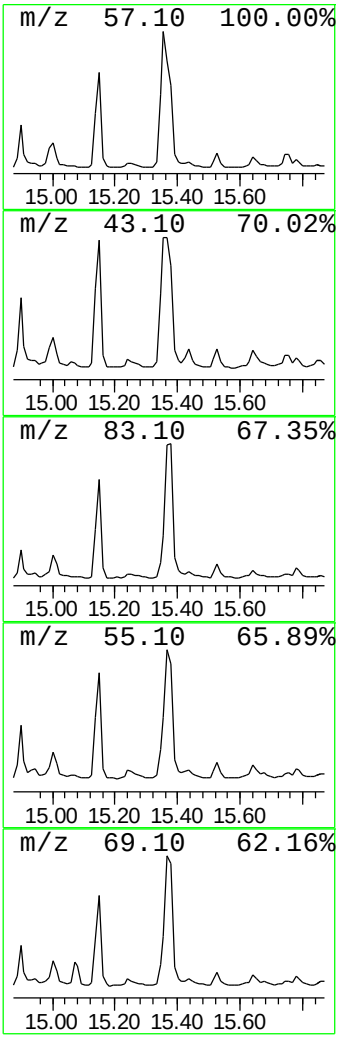
****

Peak Number 9 E-15-Heptadecenal Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.37	100.40 ng	6086600	Perylene-d12	15.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	E-15-Heptadecenal	252	C17H32O	1000130-97-9	94
2	Nonadecyl trifluoroacetate	380	C21H39F3O2	1000351-76-3	91
3	Eicosyl pentafluoropropionate	444	C23H41F5O2	1000351-80-8	91
4	Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	91
5	Heneicosyl trifluoroacetate	408	C23H43F3O2	1000351-76-5	91





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100416\
Data File : BF090364.D
Acq On : 5 Oct 2016 1:28
Operator : UM/SJ
Sample : H5025-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PA-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF100416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

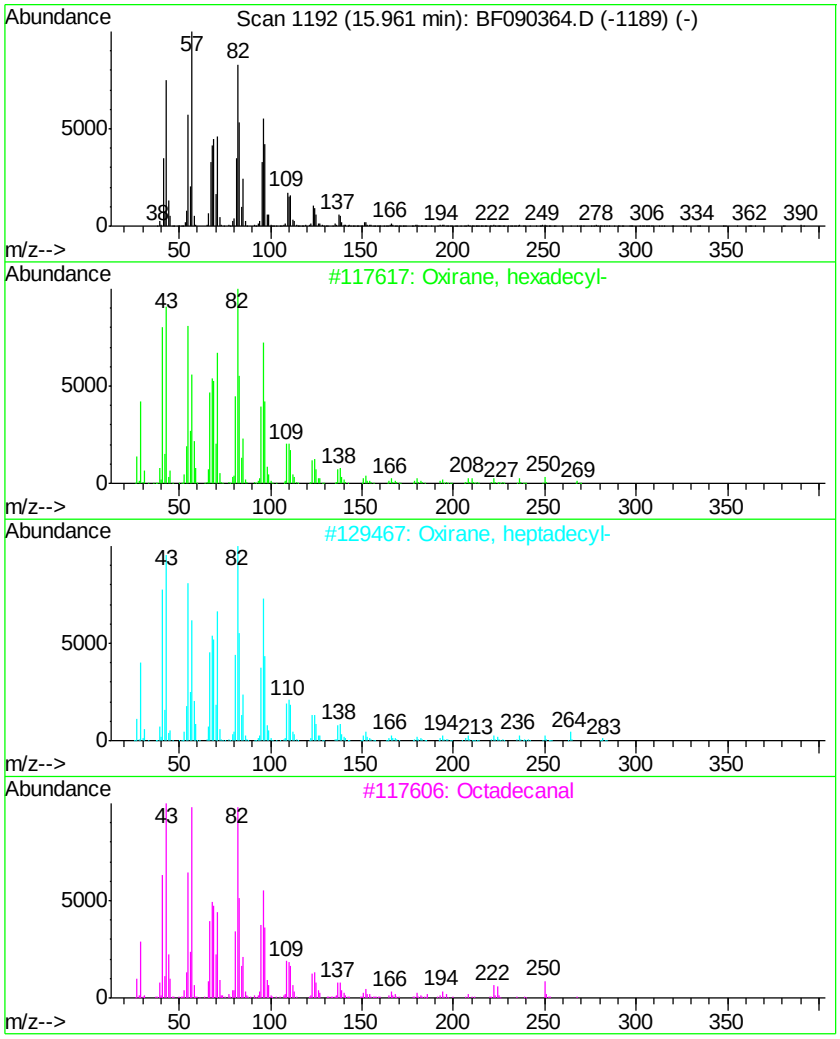
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

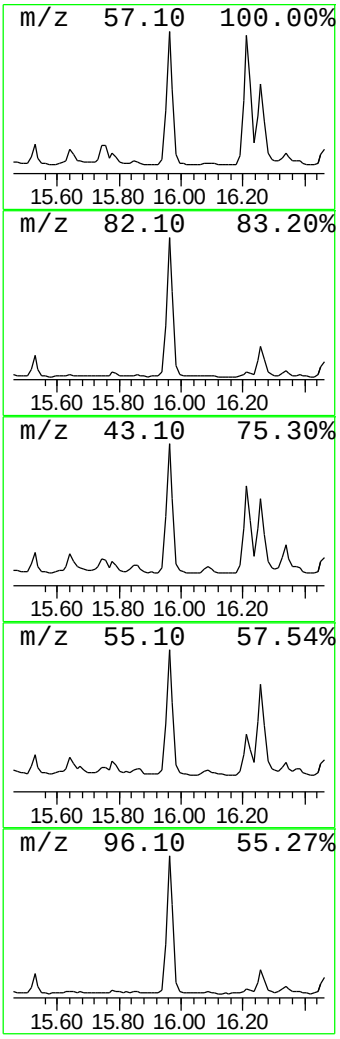
****

Peak Number 10 Oxirane, hexadecyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.96	64.55 ng	3913510	Perylene-d12	15.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
2	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	91
3	Octadecanal	268	C18H36O	000638-66-4	90
4	13-Octadecenal	266	C18H34O	056554-90-6	87
5	Pentadecanal-	226	C15H30O	002765-11-9	83





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100416\
Data File : BF090364.D
Acq On : 5 Oct 2016 1:28
Operator : UM/SJ
Sample : H5025-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PA-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF100416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

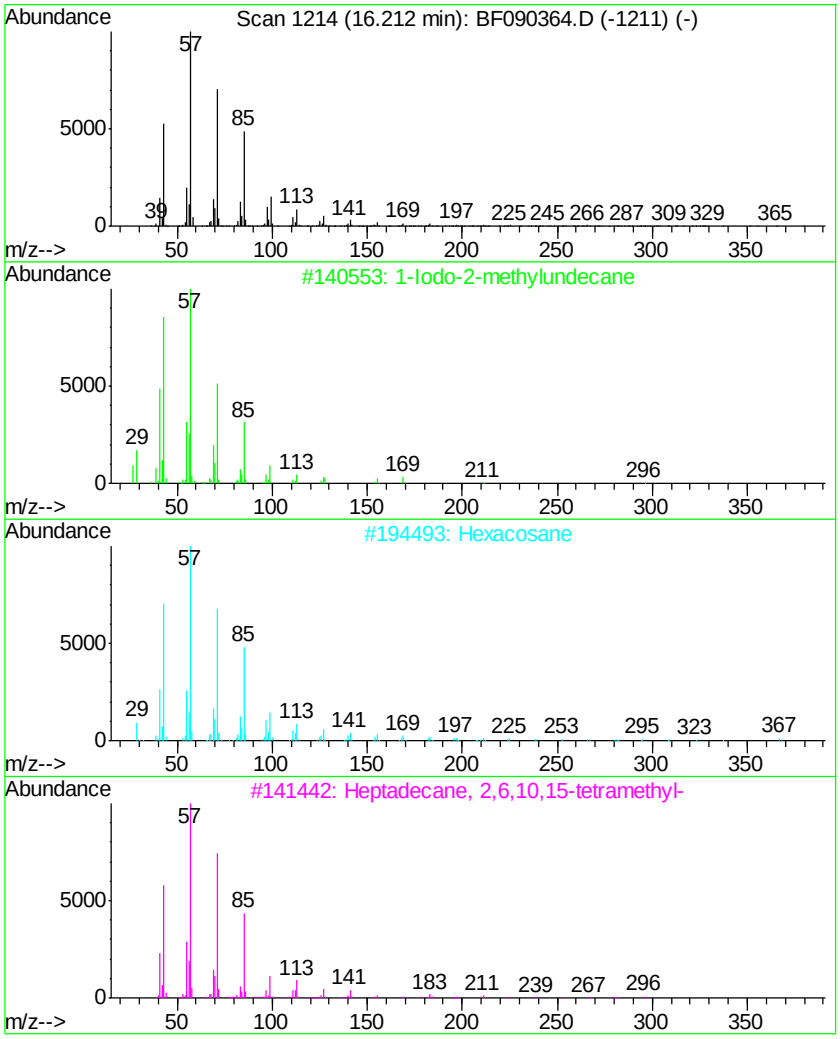
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

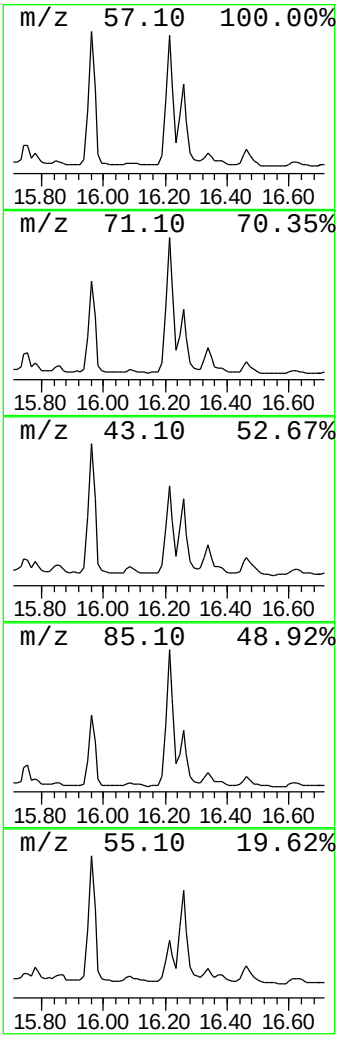
****

Peak Number 11 1-Iodo-2-methylundecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.21	32.37 ng	1962440	Perylene-d12	15.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	91
2	Hexacosane	366	C26H54	000630-01-3	91
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
4	2-Bromo dodecane	248	C12H25Br	013187-99-0	86
5	Heneicosane	296	C21H44	000629-94-7	83





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100416\
Data File : BF090364.D
Acq On : 5 Oct 2016 1:28
Operator : UM/SJ
Sample : H5025-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PA-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF100416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

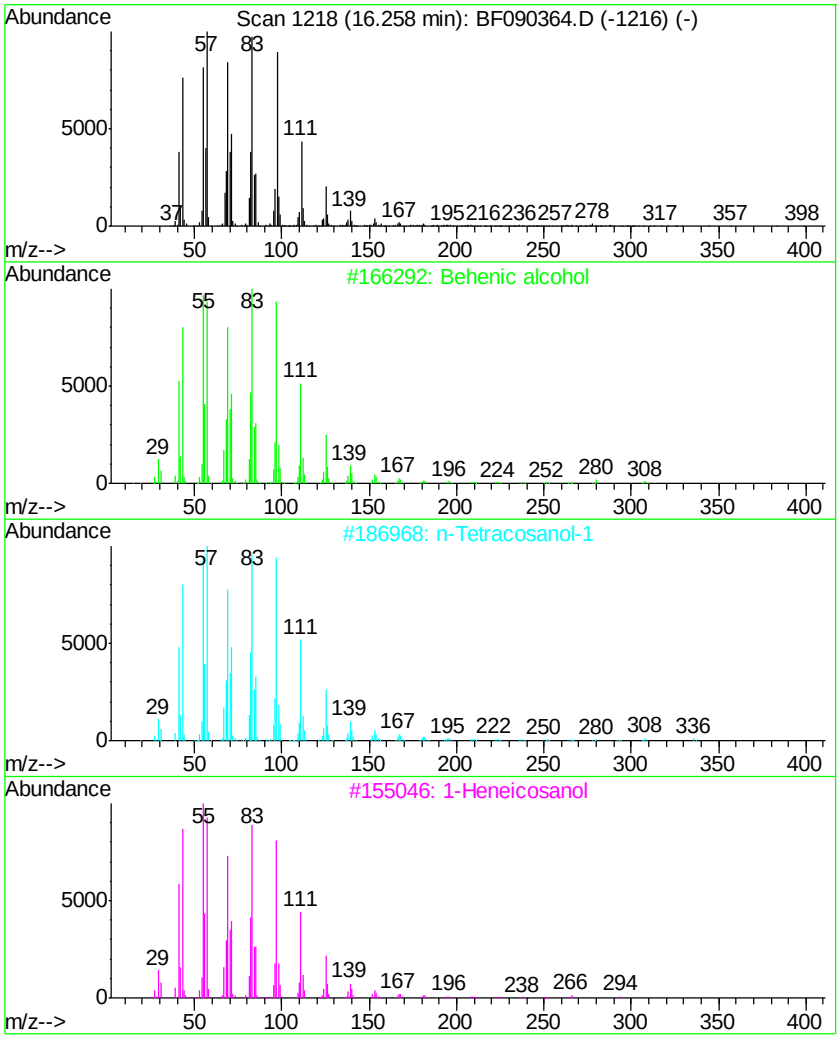
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

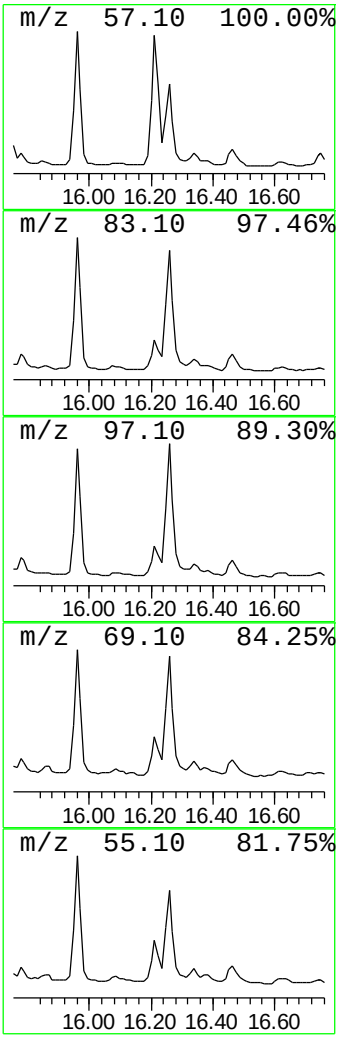
****

Peak Number 12 Behenic alcohol Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.26	37.66 ng	2283290	Perylene-d12	15.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Behenic alcohol	326	C22H46O	000661-19-8	94
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	91
3	1-Heneicosanol	312	C21H44O	015594-90-8	91
4	1-Heptacosanol	396	C27H56O	002004-39-9	91
5	1-Heneicosyl formate	340	C22H44O2	077899-03-7	81





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100416\
Data File : BF090364.D
Acq On : 5 Oct 2016 1:28
Operator : UM/SJ
Sample : H5025-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PA-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF100416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

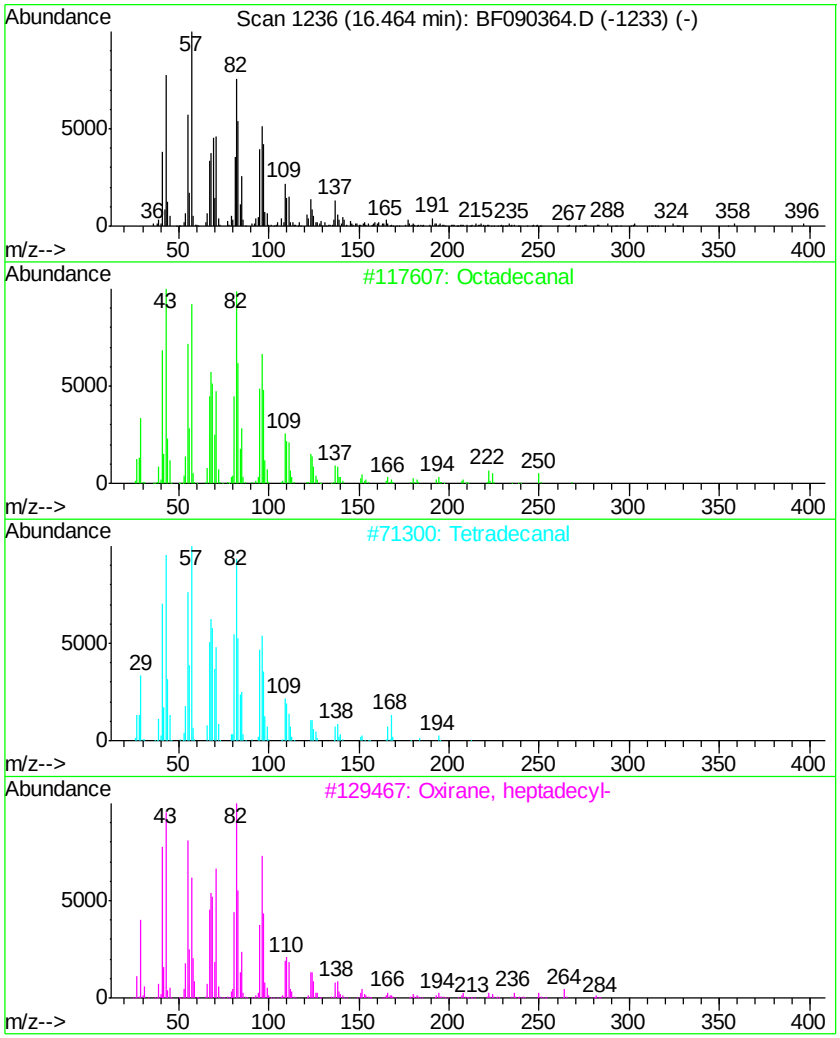
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

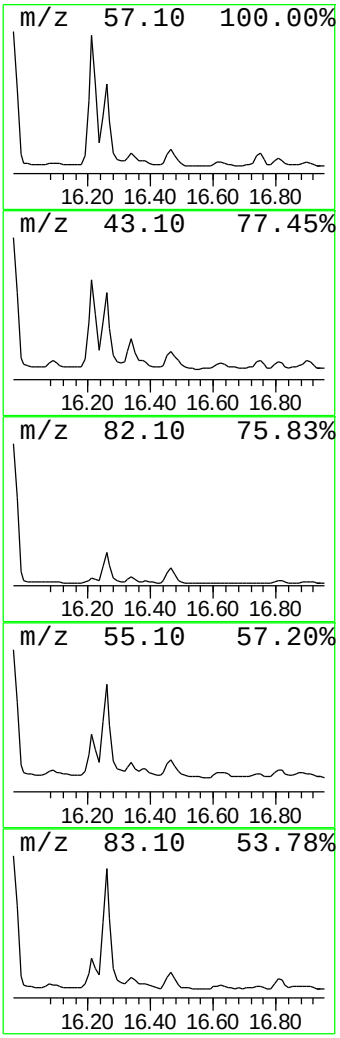
****

Peak Number 13 Octadecanal Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.46	18.37 ng	1113620	Perylene-d12	15.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanal	268	C18H36O	000638-66-4	90
2	Tetradecanal	212	C14H28O	000124-25-4	87
3	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	87
4	(Z)-14-Tricosenyl formate	366	C24H46O2	077899-10-6	86
5	1,19-Eicosadiene	278	C20H38	014811-95-1	74





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100416\
Data File : BF090364.D
Acq On : 5 Oct 2016 1:28
Operator : UM/SJ
Sample : H5025-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PA-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF100416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

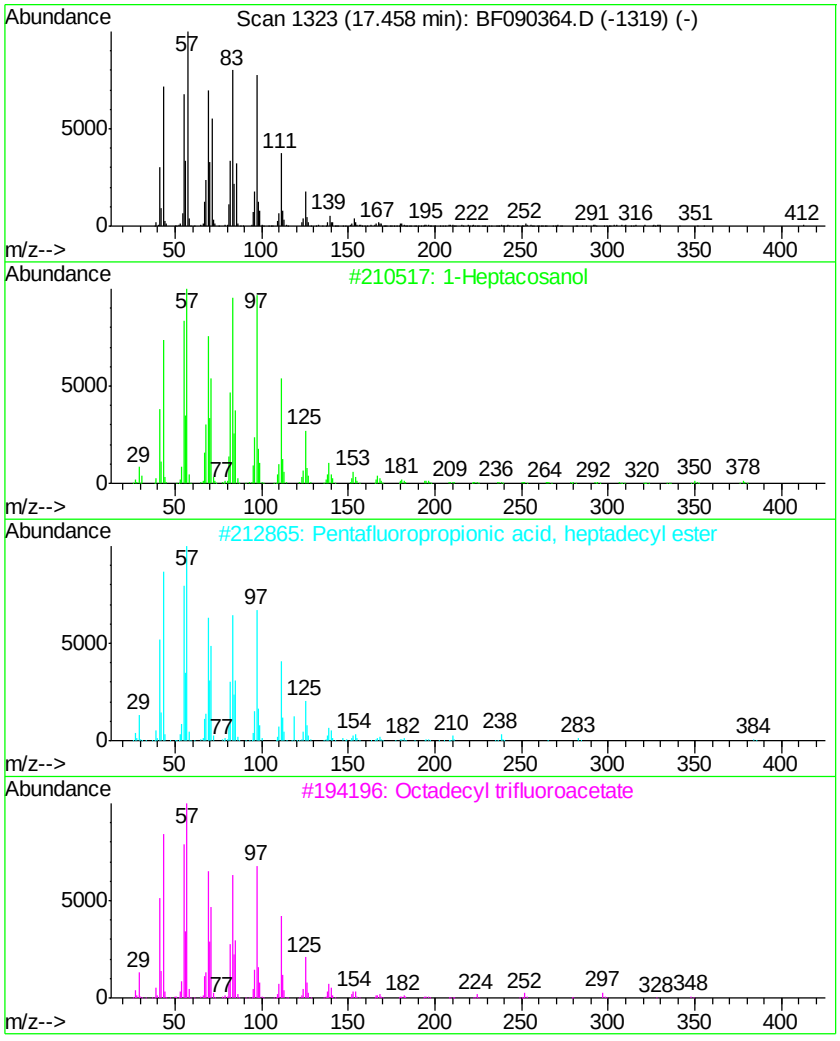
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

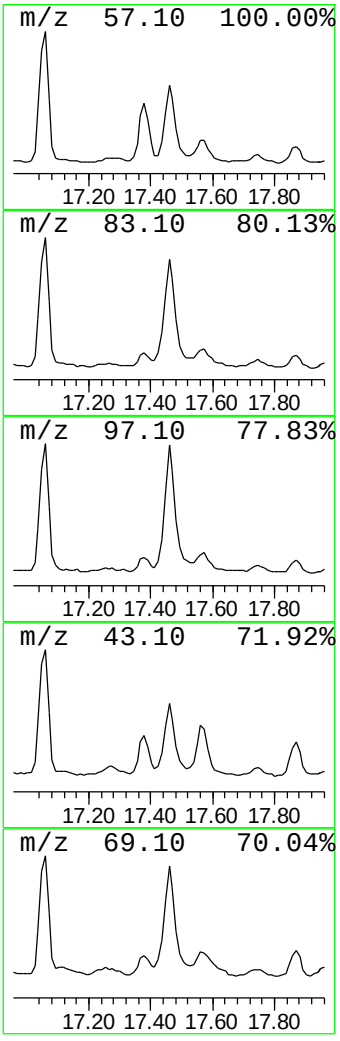
****

Peak Number 15 1-Heptacosanol Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.46	40.40 ng	2449220	Perylene-d12	15.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptacosanol	396	C27H56O	002004-39-9	94
2	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	91
3	Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	91
4	n-Tetracosanol-1	354	C24H50O	000506-51-4	90
5	1-Docosene	308	C22H44	001599-67-3	90





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100416\
Data File : BF090364.D
Acq On : 5 Oct 2016 1:28
Operator : UM/SJ
Sample : H5025-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PA-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF100416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

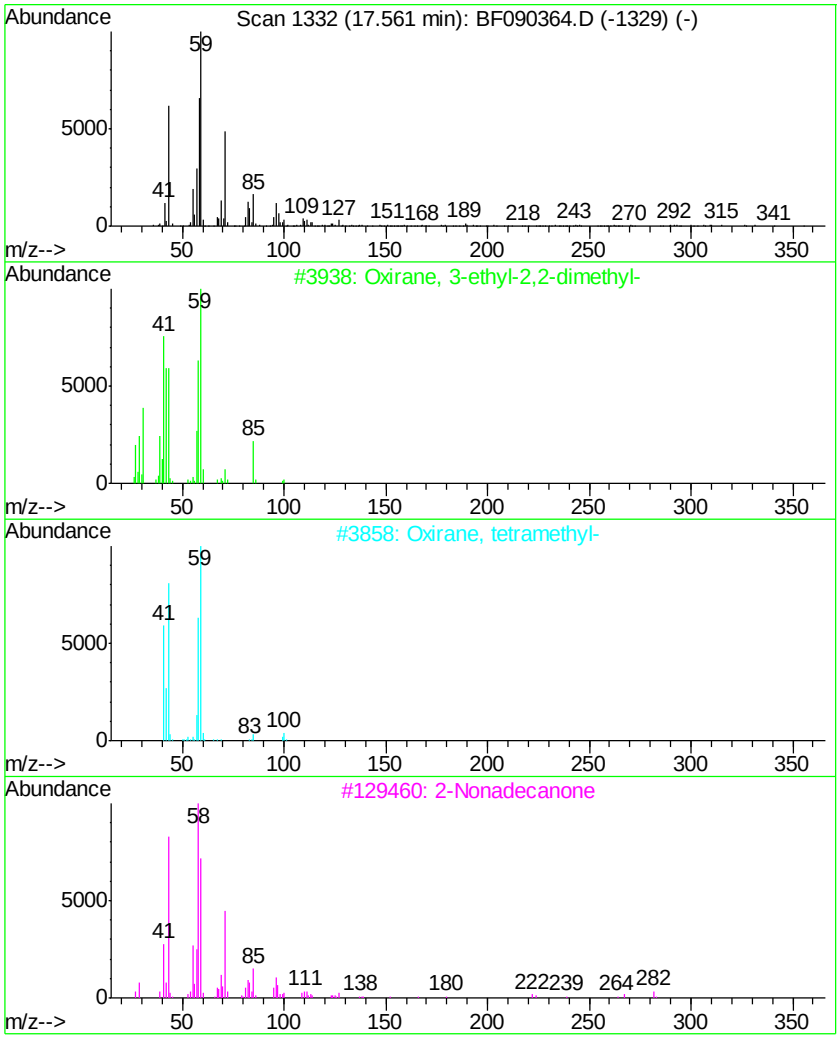
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

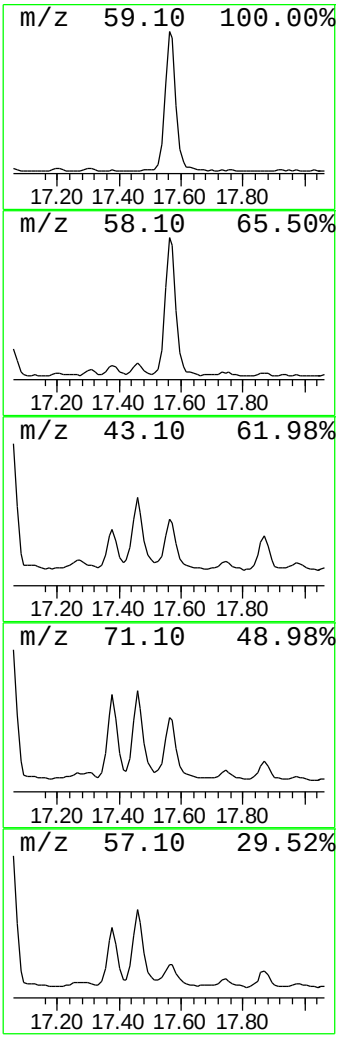
****

Peak Number 16 Oxirane, 3-ethyl-2,2-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.56	20.93 ng	1268970	Perylene-d12	15.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, 3-ethyl-2,2-dimethyl-	100	C6H12O	001192-22-9	52
2	Oxirane, tetramethyl-	100	C6H12O	005076-20-0	49
3	2-Nonadecanone	282	C19H38O	000629-66-3	47
4	2-Hexadecanone	240	C16H32O	018787-63-8	47
5	Octanal, 7-hydroxy-3,7-dimethyl-	172	C10H20O2	000107-75-5	47





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100416\
Data File : BF090364.D
Acq On : 5 Oct 2016 1:28
Operator : UM/SJ
Sample : H5025-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PA-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF100416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

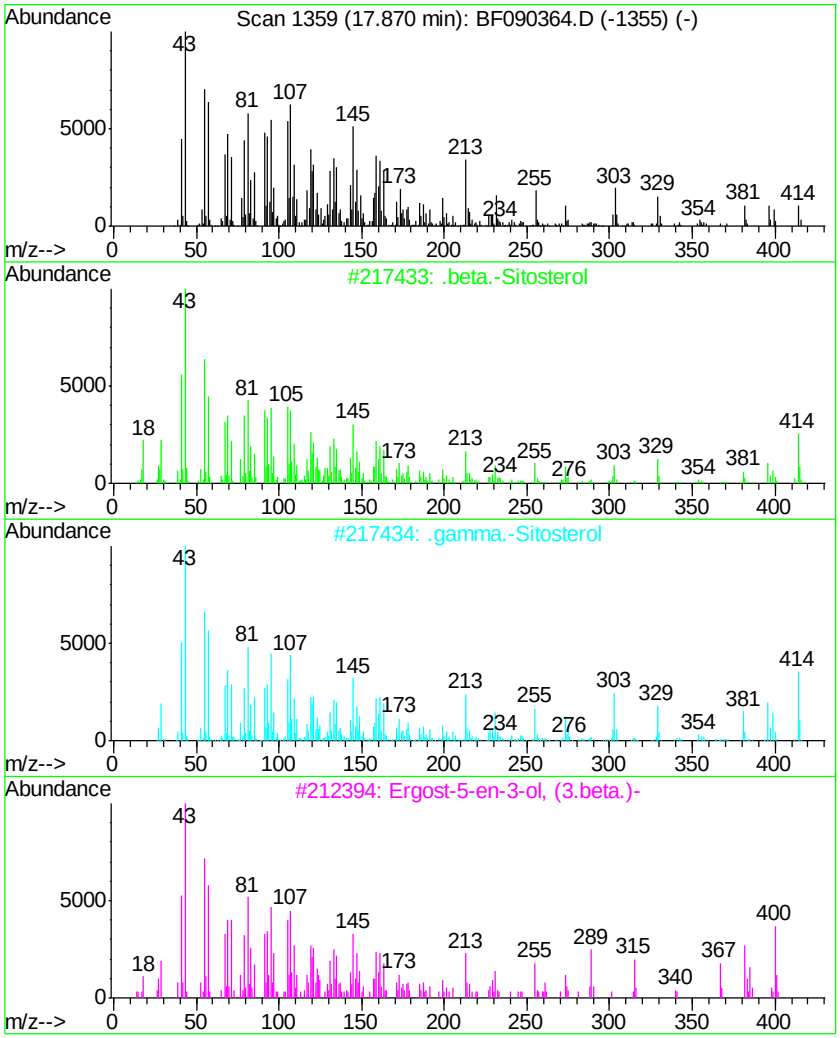
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

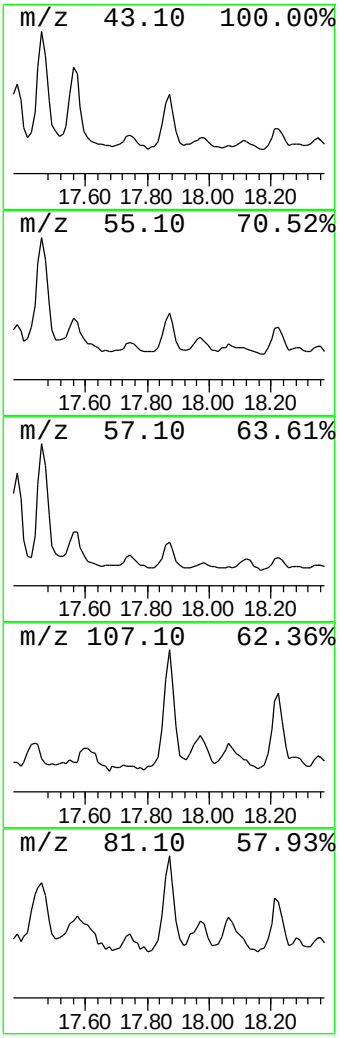
****

Peak Number 17 .beta.-Sitosterol Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.87	25.05 ng	1518380	Perylene-d12	15.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-Sitosterol	414	C29H50O	000083-46-5	99
2	.gamma.-Sitosterol	414	C29H50O	000083-47-6	70
3	Ergost-5-en-3-ol, (3.beta.)-	400	C28H48O	004651-51-8	62
4	Isocholesteryl methyl ether	400	C28H48O	029944-53-4	59
5	Campesterol	400	C28H48O	000474-62-4	45





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100416\
Data File : BF090364.D
Acq On : 5 Oct 2016 1:28
Operator : UM/SJ
Sample : H5025-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PA-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF100416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

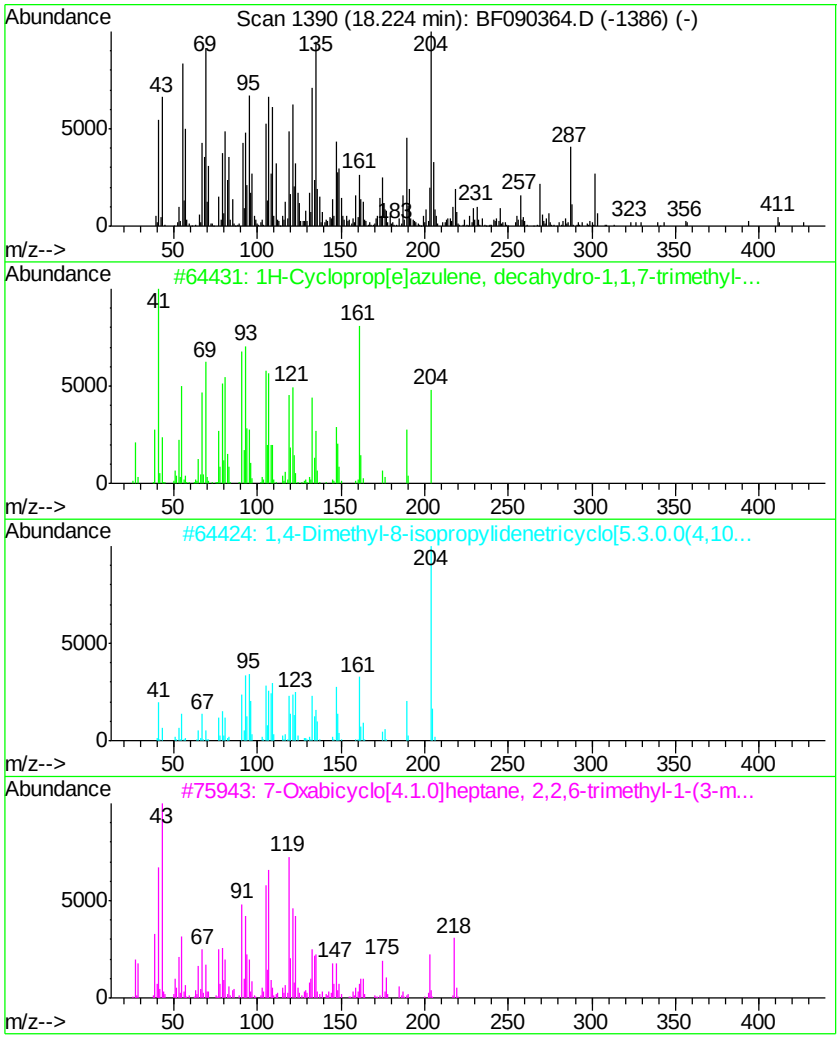
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

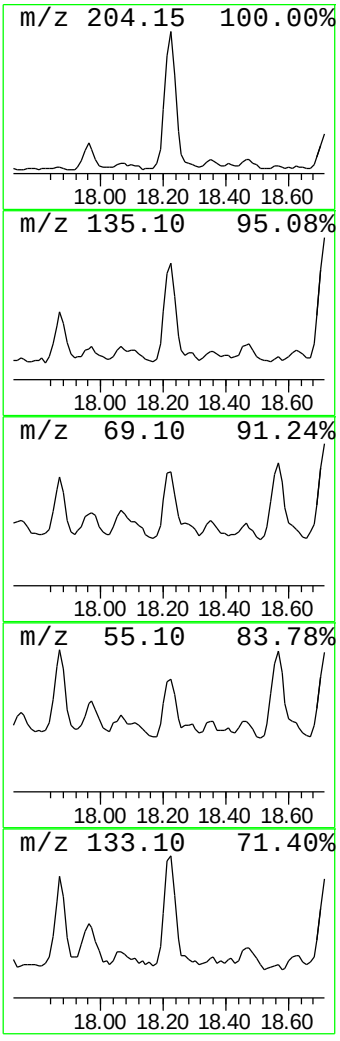
****

Peak Number 18 1H-Cycloprop[e]azulene, dec... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.22	19.67 ng	1192230	Perylene-d12	15.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cycloprop[e]azulene, decahydr...	204	C15H24	072747-25-2	70
2	1,4-Dimethyl-8-isopropylidenetri...	204	C15H24	1000140-07-7	64
3	7-Oxabicyclo[4.1.0]heptane, 2,2,...	218	C15H22O	070038-20-9	53
4	Naphthalene, decahydro-4a-methyl...	204	C15H24	017066-67-0	53
5	Naphthalene, 1,2,3,5,6,7,8,8a-oc...	204	C15H24	004630-07-3	49





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100416\
Data File : BF090364.D
Acq On : 5 Oct 2016 1:28
Operator : UM/SJ
Sample : H5025-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PA-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF100416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

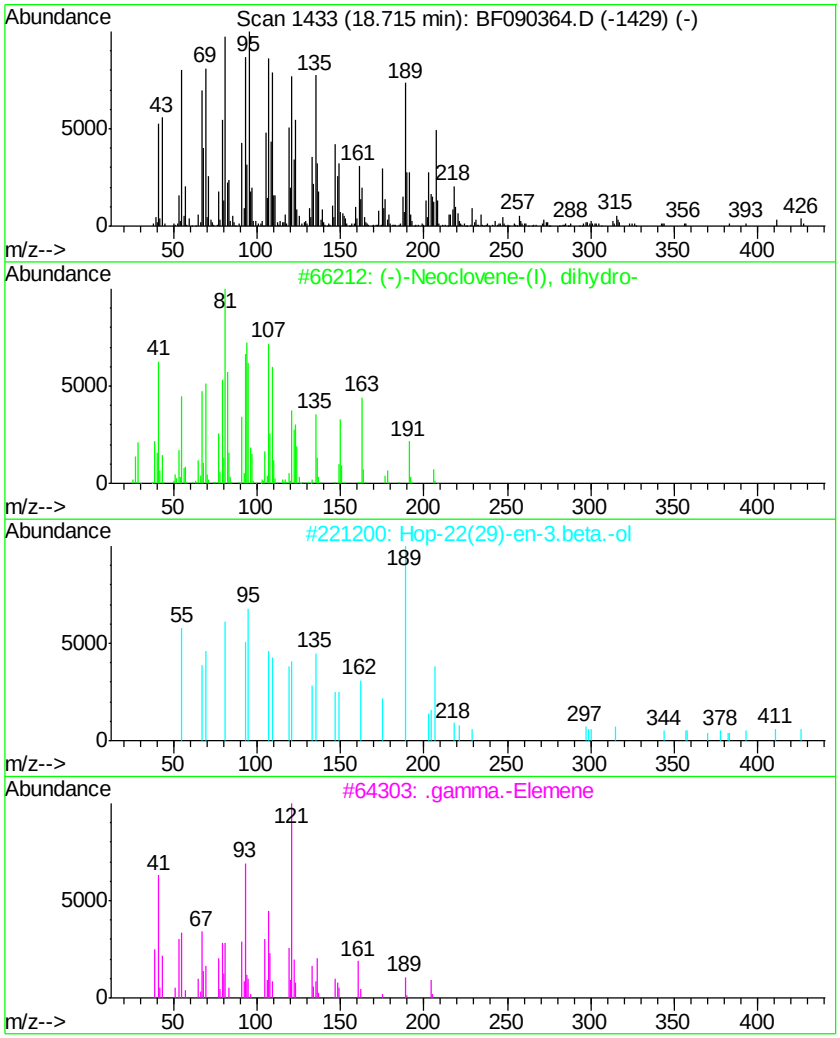
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

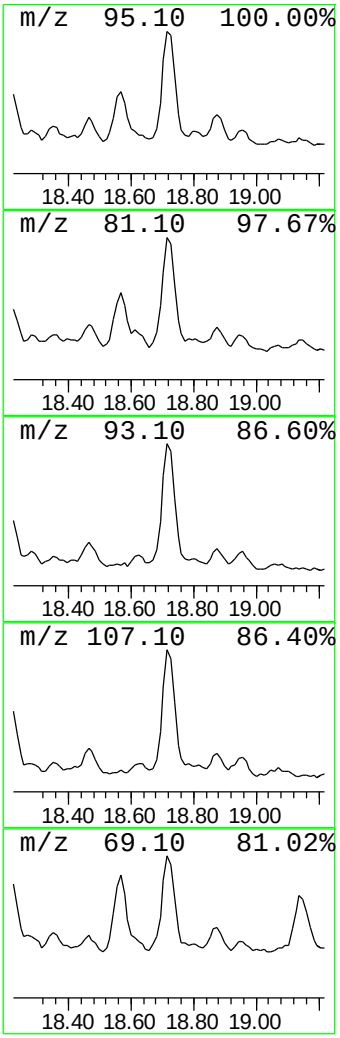
****

Peak Number 20 (-)-Neoclovene-(I), dihydro- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.72	32.06 ng	1943330	Perylene-d12	15.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(-)-Neoclovene-(I), dihydro-	206	C15H26	1000152-82-1	64
2	Hop-22(29)-en-3.beta.-ol	426	C30H50O	058801-23-3	58
3	.gamma.-Elemene	204	C15H24	029873-99-2	53
4	Caparratriene	206	C15H26	1000374-08-7	49
5	Cyclohexane, 1,1,2-trimethyl-3,5...	206	C15H26	062337-97-7	46





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100416\
Data File : BF090364.D
Acq On : 5 Oct 2016 1:28
Operator : UM/SJ
Sample : H5025-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PA-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF100416.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
2-Pentanone, 4-hy...	5.22	18.4	ng	1250740	1	7.01	1357580	20.0
unknown6.78	6.78	81.2	ng	5510060	1	7.01	1357580	20.0
n-Hexadecanoic acid	12.07	25.6	ng	2151160	4	11.55	1678740	20.0
Octadecanoic acid	12.86	16.7	ng	1402000	4	11.55	1678740	20.0
Heptadecyl heptaf...	14.68	44.6	ng	7397950	5	14.20	3318160	20.0
1-Tricosene	15.00	18.8	ng	1139580	6	15.71	1212490	20.0
Oxirane, heptadecyl-	15.15	54.6	ng	3307410	6	15.71	1212490	20.0
E-15-Heptadecenal	15.37	100.4	ng	6086600	6	15.71	1212490	20.0
Oxirane, hexadecyl-	15.96	64.5	ng	3913510	6	15.71	1212490	20.0
1-Iodo-2-methylun...	16.21	32.4	ng	1962440	6	15.71	1212490	20.0
Behenic alcohol	16.26	37.7	ng	2283290	6	15.71	1212490	20.0
Octadecanal	16.46	18.4	ng	1113620	6	15.71	1212490	20.0
1-Heptacosanol	17.46	40.4	ng	2449220	6	15.71	1212490	20.0
Oxirane, 3-ethyl-...	17.56	20.9	ng	1268970	6	15.71	1212490	20.0
.beta.-Sitosterol	17.87	25.1	ng	1518380	6	15.71	1212490	20.0
1H-Cycloprop[e]az...	18.22	19.7	ng	1192230	6	15.71	1212490	20.0
(-)-Neoclovene-(I...	18.72	32.1	ng	1943330	6	15.71	1212490	20.0