LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071116\
Data File : BF088900.D
Acq On : 11 Jul 2016 15:34
Operator : UM/SJ
Sample : H3948-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NC-02

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-BF063016.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	7	rVB	749418	997430	38.91%	2.742%
2	1.678	7	8	17	rVB	196121	305369	11.91%	0.839%
3	1.793	17	18	26	rBV	1239889	2563398	100.00%	7.046%
4	2.101	44	45	60	rVB3	34791	76432	2.98%	0.210%
5	2.856	109	111	120	rBV	29164	57341	2.24%	0.158%
6	4.856	284	286	292	rBV	64036	98817	3.85%	0.272%
7	5.301	322	325	327	rBV	1423223	1416503	55.26%	3.894%
8	6.353	414	417	419	rVB	1430250	1553819	60.62%	4.271%
9	6.479	425	428	430	rVB	1572810	1575392	61.46%	4.330%
10	6.707	446	448	450	rBV	549982	446632	17.42%	1.228%
11	6.867	459	462	464	rVB	1375710	1231451	48.04%	3.385%
12	7.279	495	498	499	rVB	743953	973627	37.98%	2.676%
13	7.999	558	561	563	rBV	460340	610924	23.83%	1.679%
14	8.605	611	614	615	rBV	39380	42353	1.65%	0.116%
15	8.708	620	623	624	rVB	52460	52096	2.03%	0.143%
16	8.799	629	631	635	rVB2	31244	50892	1.99%	0.140%
17	9.073	652	655	657	rVB	1908063	1628216	63.52%	4.475%
18	9.165	659	663	665	rBV	58127	69354	2.71%	0.191%
19	9.336	675	678	681	rBV	37562	66072	2.58%	0.182%
20	9.405	681	684	685	rBV	59238	66071	2.58%	0.182%
21	9.462	687	689	692	rVV	216071	283646	11.07%	0.780%
22	9.508	692	693	697	rVB3	26740	48716	1.90%	0.134%
23	9.599	699	701	705	rBV	53728	62198	2.43%	0.171%
24	9.691	708	709	711	rVB	54222	42518	1.66%	0.117%
25	9.748	711	714	715	rBV	482166	630022	24.58%	1.732%
26	9.771	715	716	718	rVV	125055	122238	4.77%	0.336%
27	9.851	721	723	726	rBV2	26625	49654	1.94%	0.136%
28	9.942	729	731	733	rVB	84296	83750	3.27%	0.230%
29	10.285	759	761	763	rBV	183792	148154	5.78%	0.407%
30	10.353	764	767	770	rBV2	24292	44723	1.74%	0.123%
31	10.411	770	772	774	rVV3	32328	48530	1.89%	0.133%
32	10.445	774	775	778	rVB	44381	50098	1.95%	0.138%
33	10.525	779	782	784	rVB	978995	898004	35.03%	2.468%
34	10.662	789	794	797	rBV3	74743	159530	6.22%	0.438%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071116\
Data File : BF088900.D
Acq On : 11 Jul 2016 15:34
Operator : UM/SJ
Sample : H3948-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NC-02

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-BF063016.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.833	806	809	810	rBV	36998	45804	1.79%	0.126%
36	11.108	831	833	835	rBV	134052	147377	5.75%	0.405%
37	11.222	840	843	844	rVV	461624	693952	27.07%	1.907%
38	11.245	844	845	846	rVV	857621	595531	23.23%	1.637%
39	11.291	846	849	851	rVV	352728	317598	12.39%	0.873%
40	11.451	861	863	864	rVV	47080	51812	2.02%	0.142%
41	11.531	867	870	873	rVB2	81300	120589	4.70%	0.331%
42	11.714	881	886	888	rBV2	113143	200366	7.82%	0.551%
43	11.748	888	889	891	rVB	131530	98558	3.84%	0.271%
44	11.794	891	893	894	rVB	70969	61612	2.40%	0.169%
45	11.828	894	896	900	rVB2	248664	313152	12.22%	0.861%
46	11.908	901	903	904	rBV	40340	52667	2.05%	0.145%
47	11.942	904	906	908	rVB3	32434	50546	1.97%	0.139%
48	12.011	910	912	916	rVB3	95119	152236	5.94%	0.418%
49	12.194	926	928	931	rVB3	43262	76764	2.99%	0.211%
50	12.262	931	934	936	rBV	85036	125556	4.90%	0.345%
51	12.342	940	941	946	rVB5	38166	90923	3.55%	0.250%
52	12.422	946	948	950	rBV	934429	829875	32.37%	2.281%
53	12.468	950	952	955	rBV3	127485	166806	6.51%	0.458%
54	12.571	958	961	962	rBV2	44397	68039	2.65%	0.187%
55	12.651	965	968	970	rBV	861153	950260	37.07%	2.612%
56	12.697	970	972	975	rVB2	54444	86798	3.39%	0.239%
57	12.765	977	978	979	rBV	52268	47523	1.85%	0.131%
58	12.799	979	981	984	rVB	1096114	1008260	39.33%	2.771%
59	12.868	984	987	991	rBV3	66044	127801	4.99%	0.351%
60	12.971	993	996	998	rVB	111716	219657	8.57%	0.604%
61	13.039	998	1002	1004	rBV2	143134	200996	7.84%	0.552%
62	13.074	1004	1005	1010	rBV2	74615	134172	5.23%	0.369%
63	13.165	1012	1013	1015	rVB	57948	62477	2.44%	0.172%
64	13.199	1015	1016	1018	rBV	84979	84817	3.31%	0.233%
65	13.359	1028	1030	1031	rBV2	23927	47541	1.85%	0.131%
66	13.394	1031	1033	1034	rVV	42368	61700	2.41%	0.170%
67	13.474	1038	1040	1043	rVV2	34826	63469	2.48%	0.174%
68	13.588	1047	1050	1052	rBV2	95836	146985	5.73%	0.404%
69	13.622	1052	1053	1054	rVV	65126	70855	2.76%	0.195%
70	13.714	1058	1061	1064	rVB4	120086	210865	8.23%	0.580%
71	13.839	1069	1072	1078	rVB2	628489	1243249	48.50%	3.417%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071116\
Data File : BF088900.D
Acq On : 11 Jul 2016 15:34
Operator : UM/SJ
Sample : H3948-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NC-02

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-BF063016.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	13.942	1078	1081	1083	rBV2	86596	122316	4.77%	0.336%
73	14.034	1087	1089	1090	rBV	48025	57852	2.26%	0.159%
74	14.228	1104	1106	1108	rBV2	104616	115001	4.49%	0.316%
75	14.342	1113	1116	1118	rBV3	204619	330475	12.89%	0.908%
76	14.628	1140	1141	1144	rVV2	52241	59065	2.30%	0.162%
77	14.697	1145	1147	1149	rVB2	76487	81156	3.17%	0.223%
78	14.834	1157	1159	1165	rBV	316443	697011	27.19%	1.916%
79	14.937	1165	1168	1170	rVV	822188	916124	35.74%	2.518%
80	15.108	1181	1183	1185	rVB	243327	291239	11.36%	0.801%
81	15.154	1185	1187	1190	rBV	229604	349669	13.64%	0.961%
82	15.211	1190	1192	1194	rBV	222416	329142	12.84%	0.905%
83	15.657	1228	1231	1234	rBV	680015	1051678	41.03%	2.891%
84	15.885	1249	1251	1258	rVB2	121764	208210	8.12%	0.572%
85	16.503	1302	1305	1308	rBV2	118798	234679	9.15%	0.645%
86	16.617	1312	1315	1318	rBV	106865	204343	7.97%	0.562%
87	16.891	1336	1339	1343	rVB	103488	225659	8.80%	0.620%
88	16.983	1343	1347	1348	rBV2	118746	252228	9.84%	0.693%
89	17.040	1348	1352	1353	rBV2	212265	452709	17.66%	1.244%
90	17.131	1358	1360	1365	rVV3	144228	436330	17.02%	1.199%
91	17.223	1365	1368	1371	rVV2	130298	307016	11.98%	0.844%
92	17.303	1372	1375	1379	rVV	127642	330833	12.91%	0.909%
93	17.383	1379	1382	1383	rVV	82734	188343	7.35%	0.518%
94	17.428	1383	1386	1391	rVV	271187	769476	30.02%	2.115%
95	17.520	1391	1394	1398	rVB4	156826	398321	15.54%	1.095%
96	17.737	1409	1413	1421	rBV3	262104	1047106	40.85%	2.878%
97	17.863	1421	1424	1427	rVV	119651	298041	11.63%	0.819%
98	17.920	1427	1429	1436	rVB3	89274	274128	10.69%	0.753%
99	18.686	1492	1496	1503	rVV3	53822	202454	7.90%	0.556%
100	18.846	1505	1510	1519	rVB4	155952	569315	22.21%	1.565%

Sum of corrected areas: 36381077

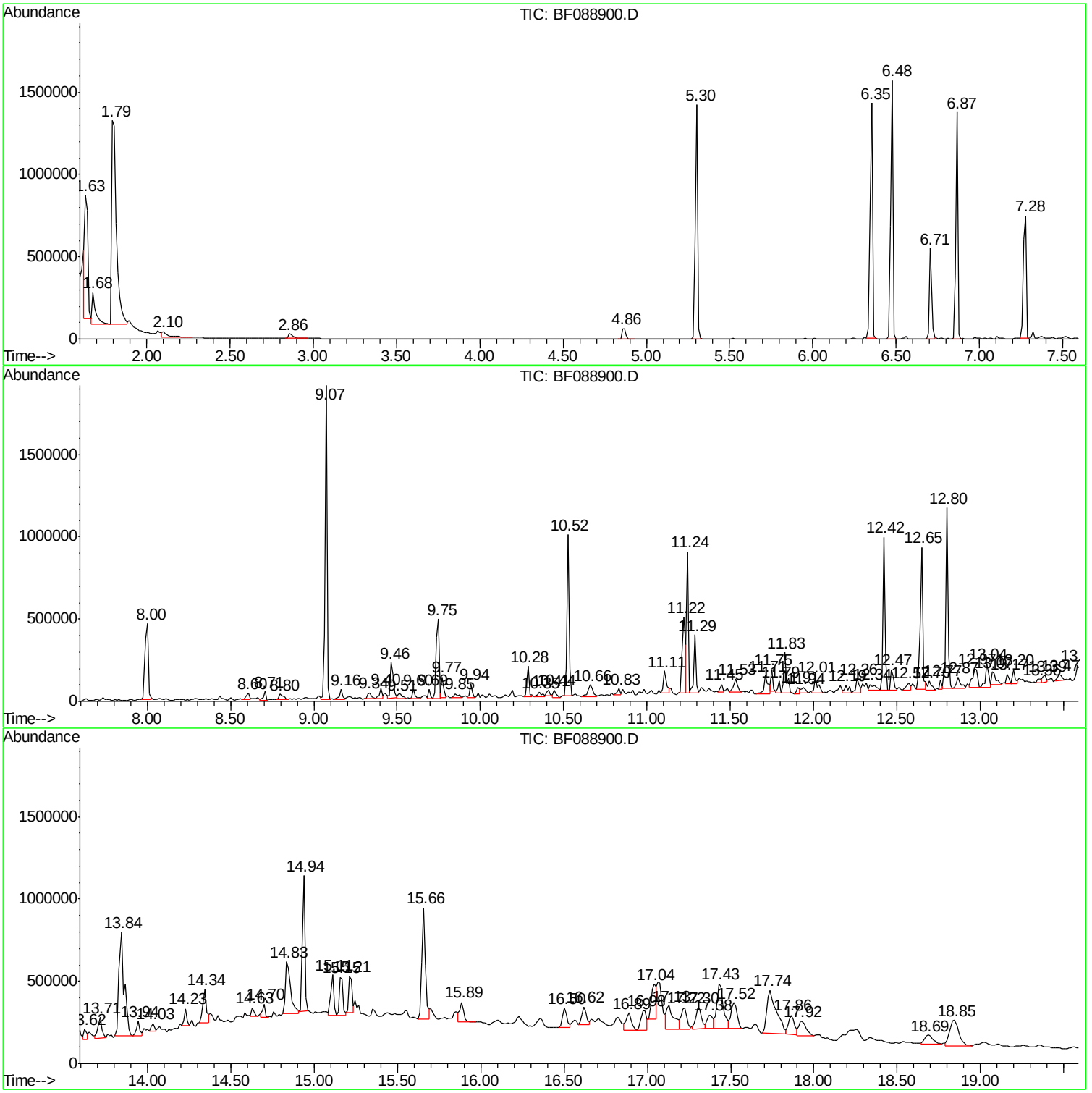
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071116\
Data File : BF088900.D
Acq On : 11 Jul 2016 15:34
Operator : UM/SJ
Sample : H3948-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NC-02

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.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\BF071116\
Data File : BF088900.D
Acq On : 11 Jul 2016 15:34
Operator : UM/SJ
Sample : H3948-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NC-02

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

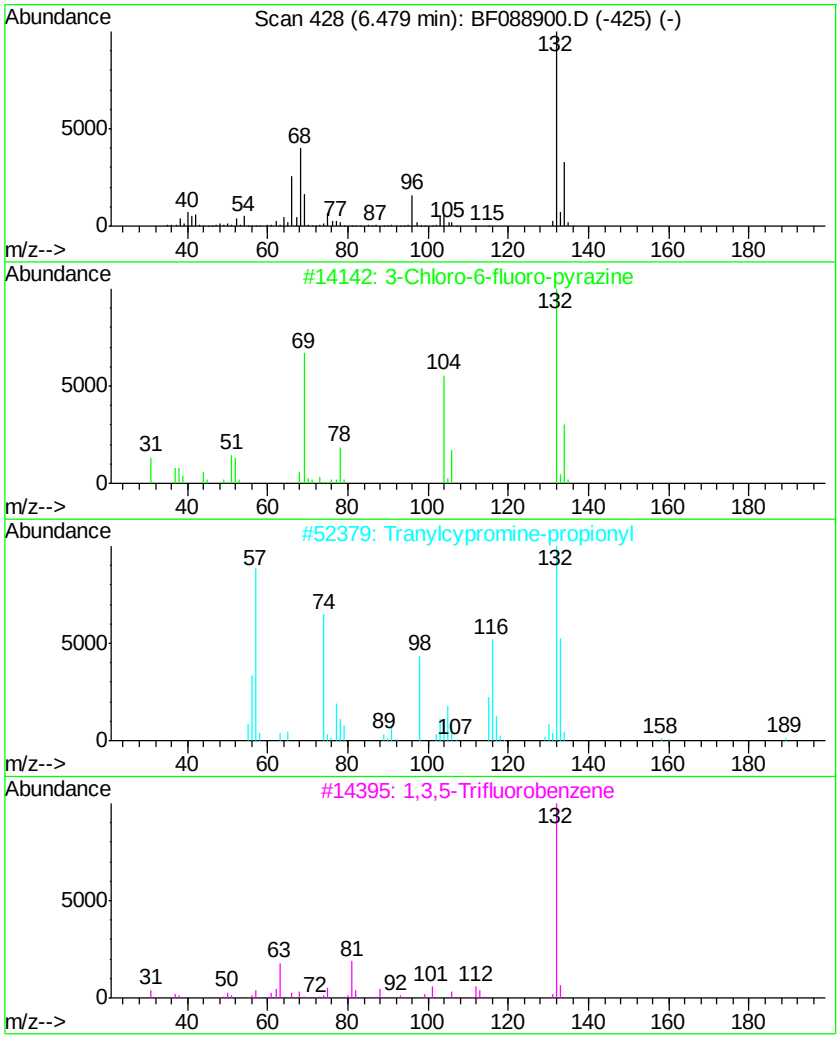
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

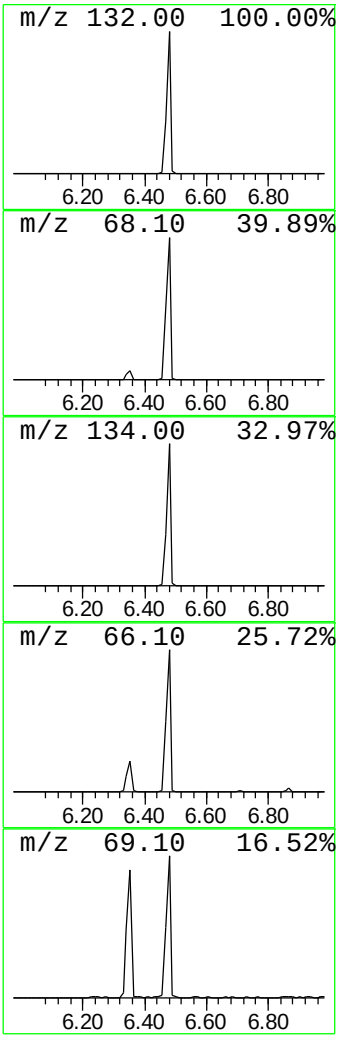
****

Peak Number 4 unknown6.48 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.48	70.55 ng	1575390	1,4-Dichlorobenzene-d4	6.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF071116\
Data File : BF088900.D
Acq On : 11 Jul 2016 15:34
Operator : UM/SJ
Sample : H3948-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NC-02

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

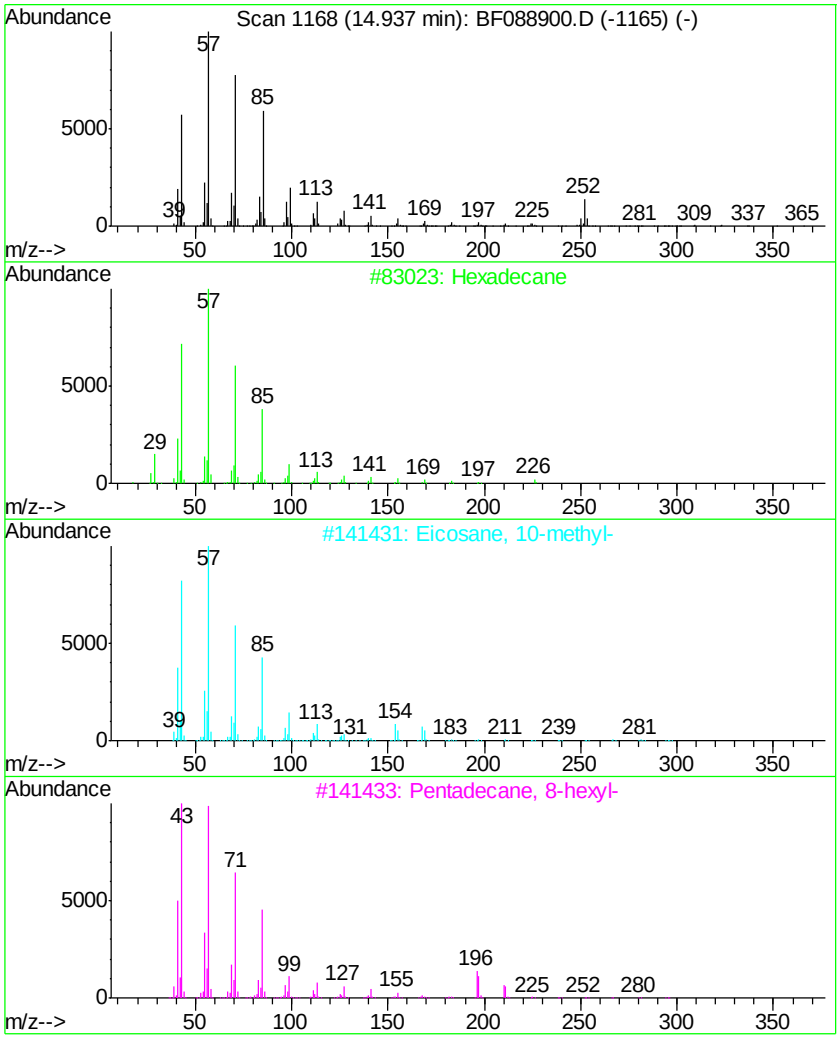
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

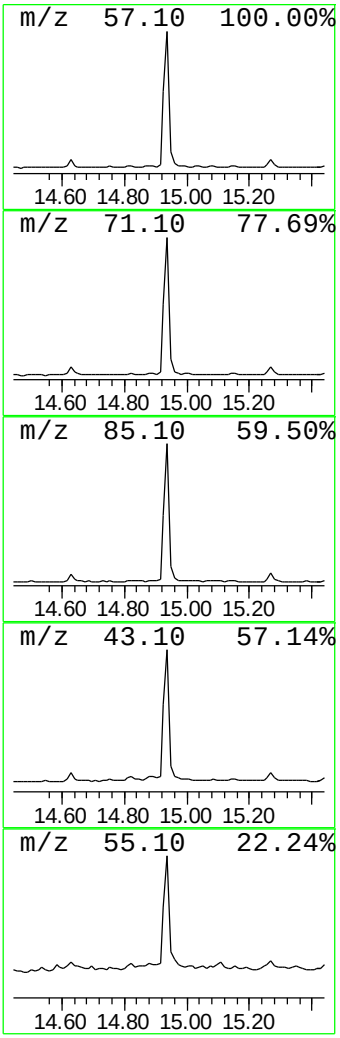
****

Peak Number 6 Hexadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.94	55.67 ng	916124	Perylene-d12	15.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	95
2	Eicosane, 10-methyl-	296	C21H44	054833-23-7	91
3	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	90
4	Hexadecane, 2-methyl-	240	C17H36	001560-92-5	89
5	Heneicosane	296	C21H44	000629-94-7	87





Data Path : Z:\HPCHEM1\BNA F\DATA\BF071116\
Data File : BF088900.D
Acq On : 11 Jul 2016 15:34
Operator : UM/SJ
Sample : H3948-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NC-02

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

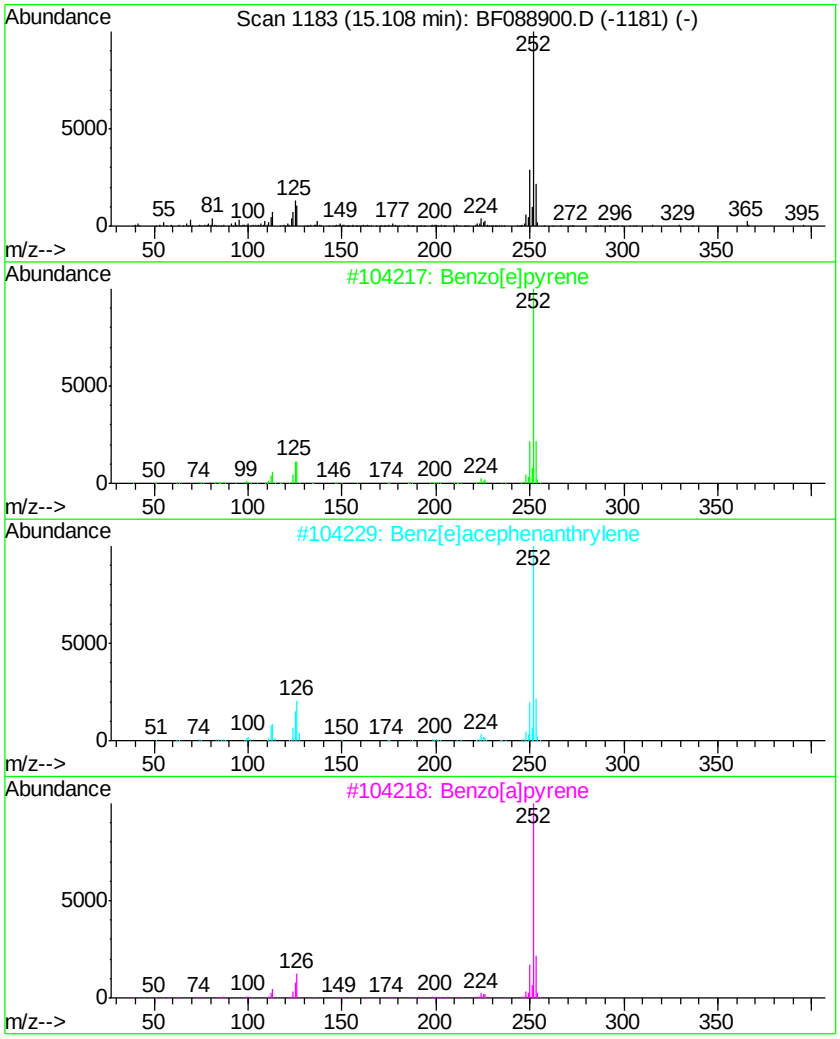
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

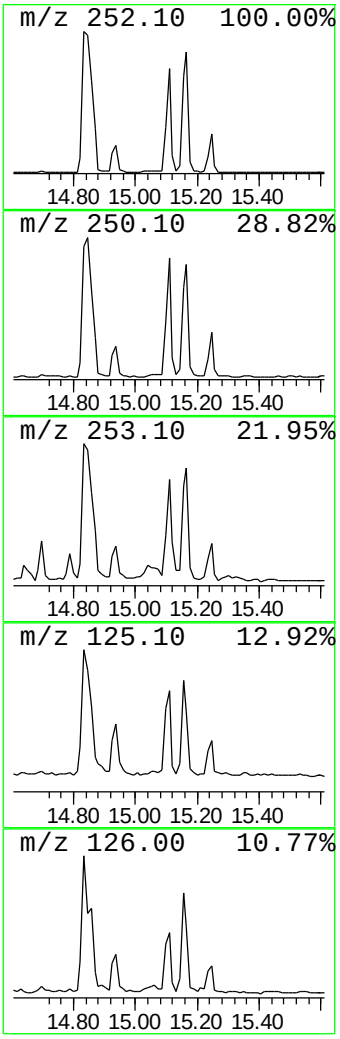
****

Peak Number 7 Benzo[e]pyrene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.11	17.70 ng	291239	Perylene-d12	15.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	94
3	Benzo[a]pyrene	252	C20H12	000050-32-8	93
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	89
5	Perylene	252	C20H12	000198-55-0	86





Data Path : Z:\HPCHEM1\BNA F\DATA\BF071116\
Data File : BF088900.D
Acq On : 11 Jul 2016 15:34
Operator : UM/SJ
Sample : H3948-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NC-02

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

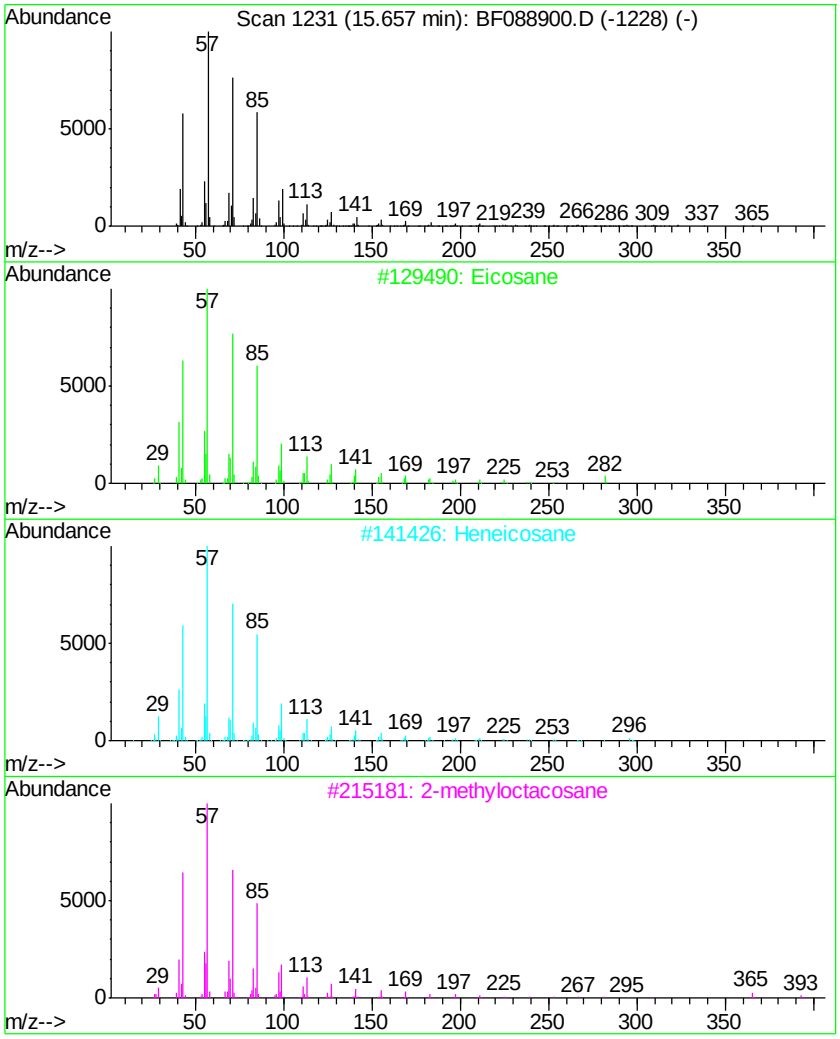
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

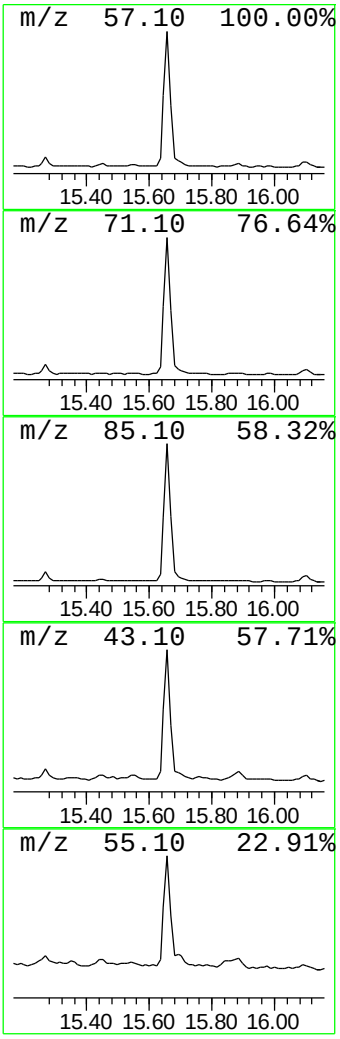
****

Peak Number 8 Eicosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.66	63.90 ng	1051680	Perylene-d12	15.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	94
2	Heneicosane	296	C21H44	000629-94-7	91
3	2-methyloctacosane	408	C29H60	1000376-72-8	91
4	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	90
5	Hexacosane	366	C26H54	000630-01-3	90





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071116\
Data File : BF088900.D
Acq On : 11 Jul 2016 15:34
Operator : UM/SJ
Sample : H3948-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NC-02

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

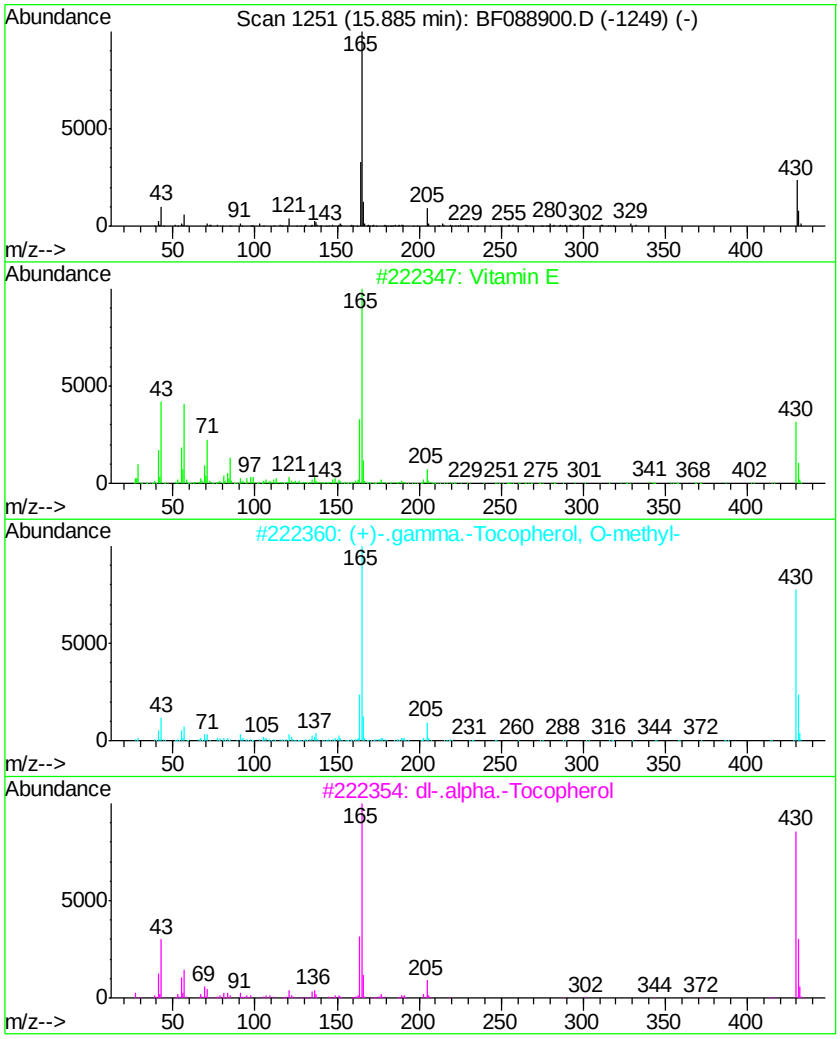
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

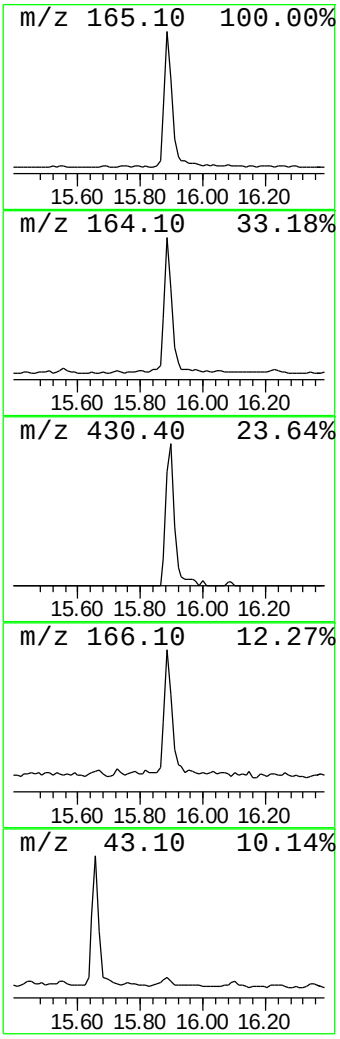
****

Peak Number 9 Vitamin E Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.89	12.65 ng	208210	Perylene-d12	15.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Vitamin E	430	C29H50O2	000059-02-9	94
2	(+)-.gamma.-Tocopherol, O-methyl-	430	C29H50O2	1000374-72-2	91
3	dl-.alpha.-Tocopherol	430	C29H50O2	010191-41-0	91
4	.alpha.-Tocopherol-.beta.-D-mann...	592	C35H60O7	1000156-68-2	53
5	Furo[3,4-c]pyridine-3,4(1H,5H)-d...	165	C8H7NO3	007472-18-6	42





Data Path : Z:\HPCHEM1\BNA F\DATA\BF071116\
Data File : BF088900.D
Acq On : 11 Jul 2016 15:34
Operator : UM/SJ
Sample : H3948-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NC-02

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

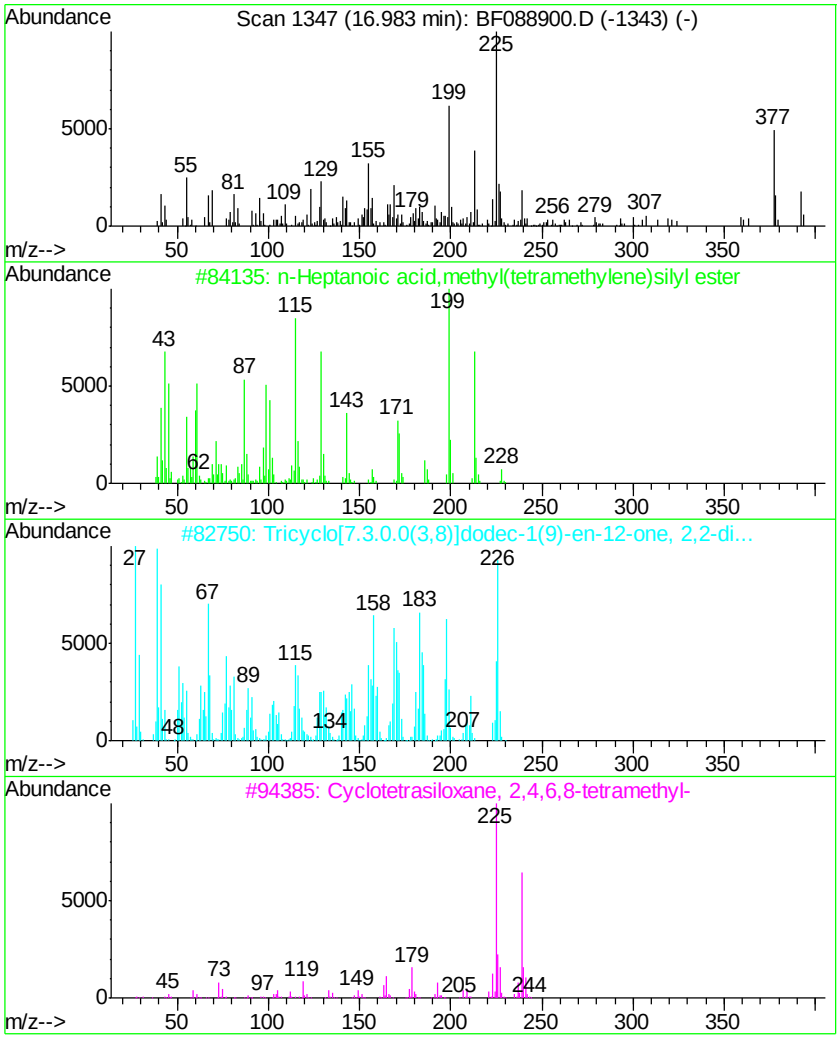
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

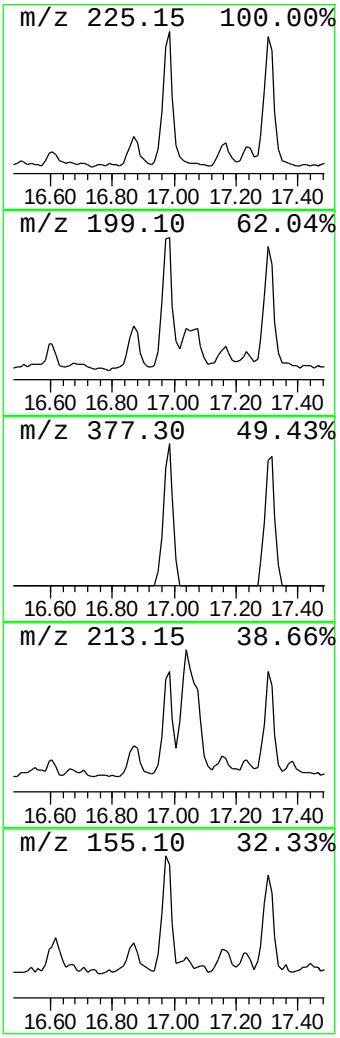
****

Peak Number 10 n-Heptanoic acid,methyl(tet... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.98	15.33 ng	252228	Perylene-d12	15.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Heptanoic acid,methyl(tetramet...	228	C12H24O2Si	1000217-03-6	56
2	Tricyclo[7.3.0.0(3,8)]dodec-1(9)...	226	C14H14N2O	1000160-53-8	25
3	Cyclotetrasiloxane, 2,4,6,8-tetr...	240	C4H16O4Si4	002370-88-9	25
4	4-Amino-8-methoxybenzo[g]-1,5-na...	225	C13H11N3O	026660-50-4	22
5	Furan-3-carboxylic acid, 2-methy...	364	C16H13ClN2O4S	1000303-75-8	22





Data Path : Z:\HPCHEM1\BNA F\DATA\BF071116\
Data File : BF088900.D
Acq On : 11 Jul 2016 15:34
Operator : UM/SJ
Sample : H3948-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NC-02

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

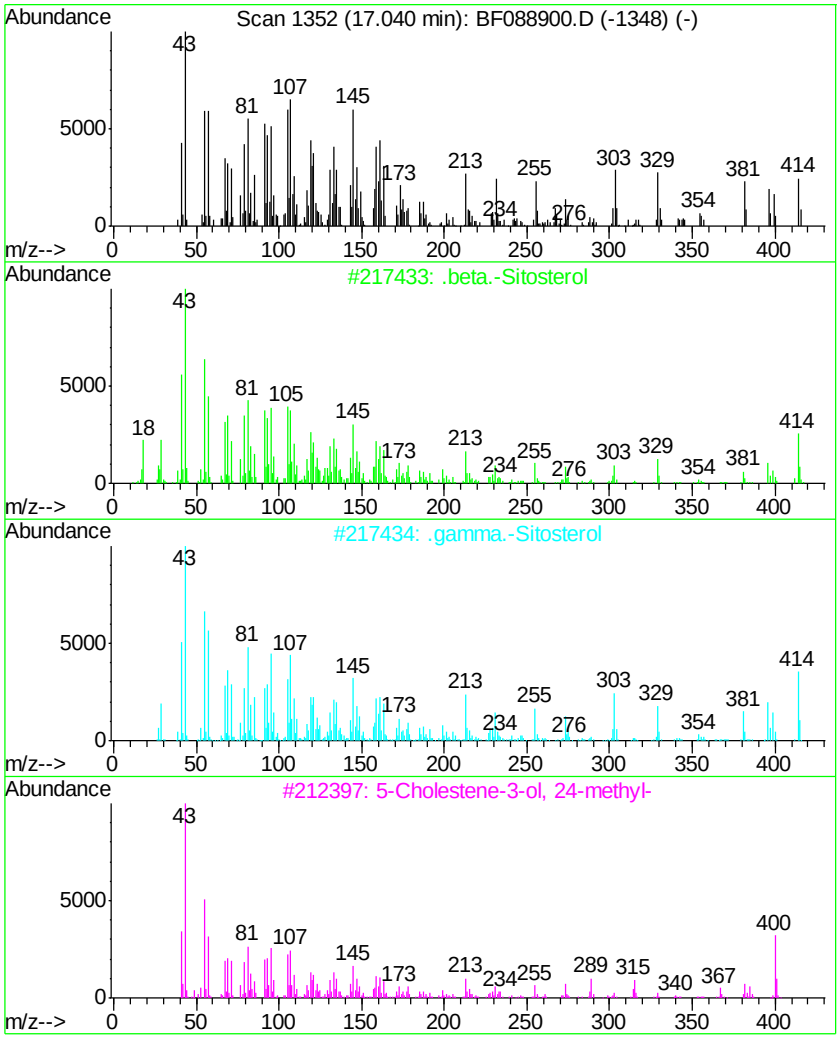
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

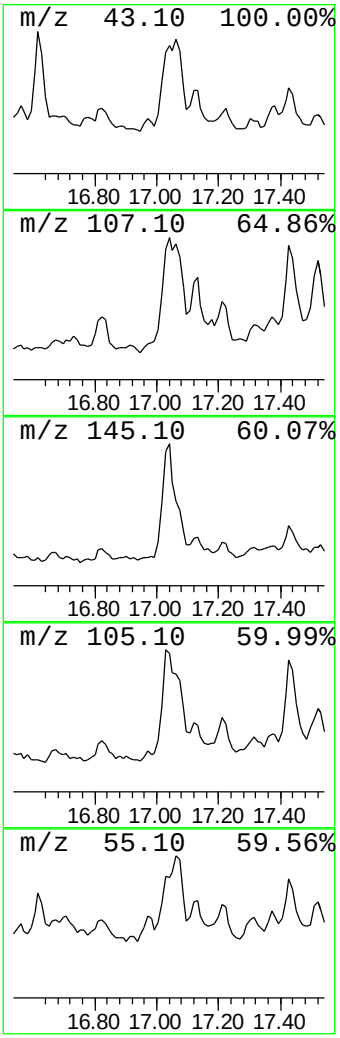
****

Peak Number 11 .beta.-Sitosterol Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.04	27.51 ng	452709	Perylene-d12	15.22

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	95
3	5-Cholestene-3-ol, 24-methyl-	400	C28H48O	1000214-17-4	32
4	Pregn-5-en-3-ol, 21-bromo-20-met...	394	C22H35BrO	055103-80-5	30
5	Ergost-5-en-3-ol, (3.beta.)-	400	C28H48O	004651-51-8	14





Data Path : Z:\HPCHEM1\BNA F\DATA\BF071116\
Data File : BF088900.D
Acq On : 11 Jul 2016 15:34
Operator : UM/SJ
Sample : H3948-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NC-02

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

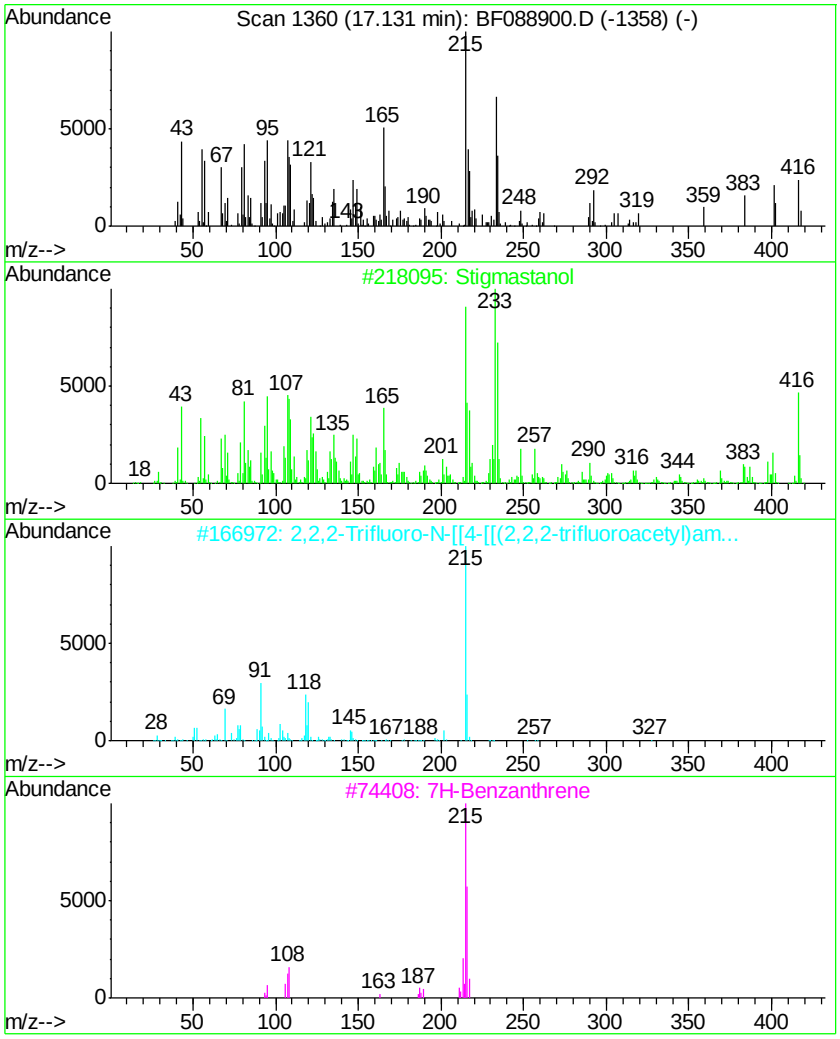
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

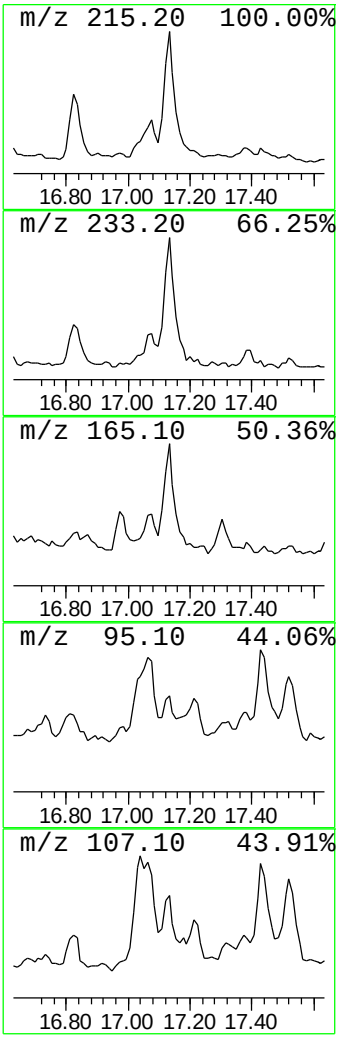
****

Peak Number 12 Stigmastanol Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.13	26.51 ng	436330	Perylene-d12	15.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Stigmastanol	416	C29H52O	019466-47-8	53
2	2,2,2-Trifluoro-N-[[4-[[(2,2,2-t...	328	C12H10F6N2O2	1000372-96-8	14
3	7H-Benzanthrene	216	C17H12	000199-94-0	12
4	2-[(1R,3S)-3-Hydroxycyclohexyl]5...	318	C21H34O2	070434-82-1	12
5	Silane, chlorodiethyl(2,7-dimeth...	272	C14H25ClOSi	1000363-57-6	12





Data Path : Z:\HPCHEM1\BNA F\DATA\BF071116\
Data File : BF088900.D
Acq On : 11 Jul 2016 15:34
Operator : UM/SJ
Sample : H3948-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NC-02

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

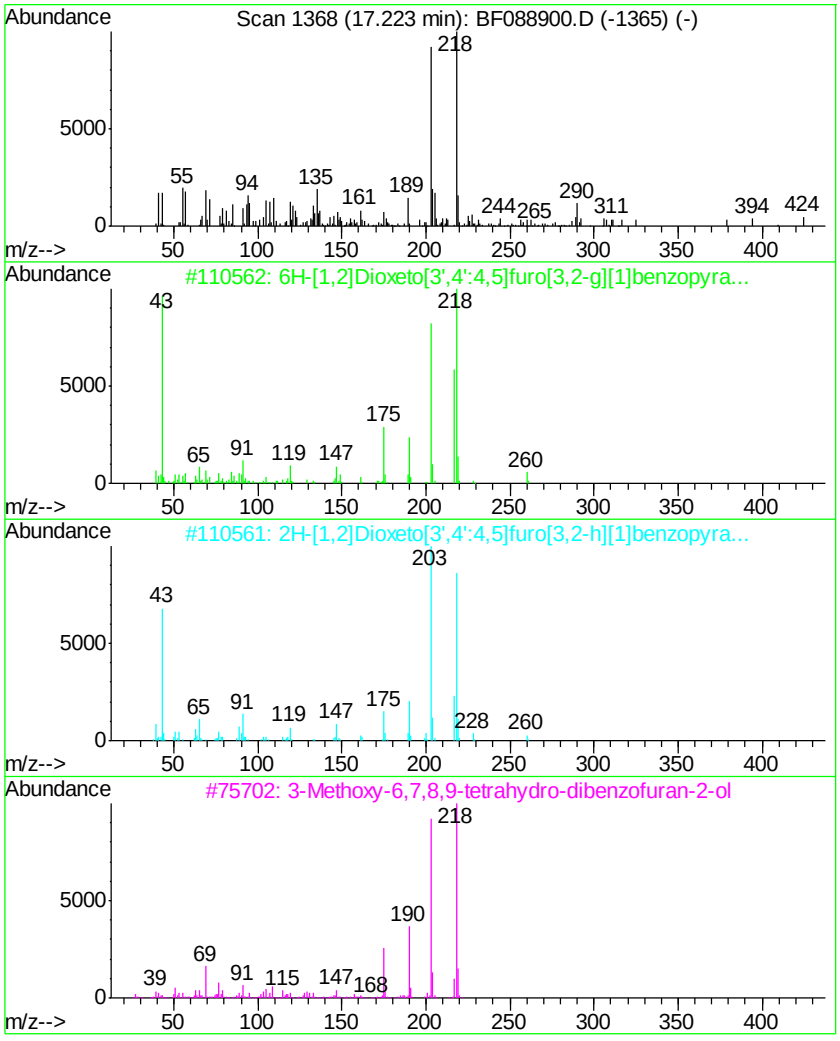
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

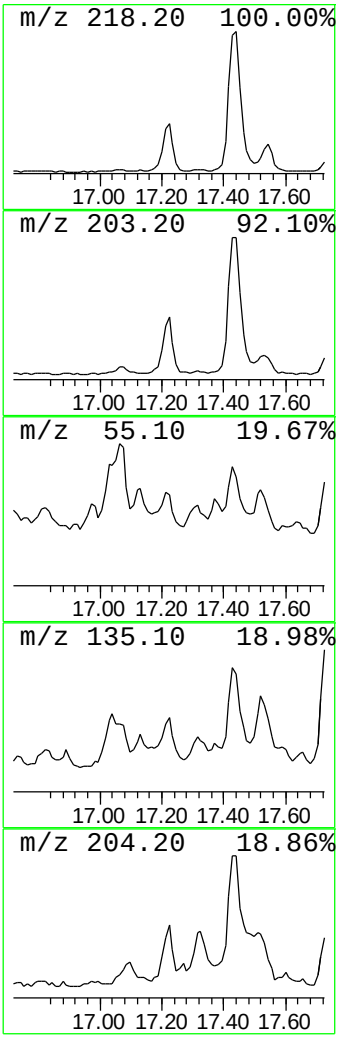
****

Peak Number 13 6H-[1,2]Dioxeto[3',4':4,5]f... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.22	18.66 ng	307016	Perylene-d12	15.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6H-[1,2]Dioxeto[3',4':4,5]furo[3...	260	C14H12O5	129812-24-4	68
2	2H-[1,2]Dioxeto[3',4':4,5]furo[3...	260	C14H12O5	129833-00-7	64
3	3-Methoxy-6,7,8,9-tetrahydro-dib...	218	C13H14O3	1000186-57-9	64
4	2H-1-Benzopyran-2-one, 7-acetyl-...	260	C14H12O5	129812-32-4	64
5	2H-1-Benzopyran-2-one, 6-acetyl-...	260	C14H12O5	129812-31-3	64





Data Path : Z:\HPCHEM1\BNA F\DATA\BF071116\
Data File : BF088900.D
Acq On : 11 Jul 2016 15:34
Operator : UM/SJ
Sample : H3948-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NC-02

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

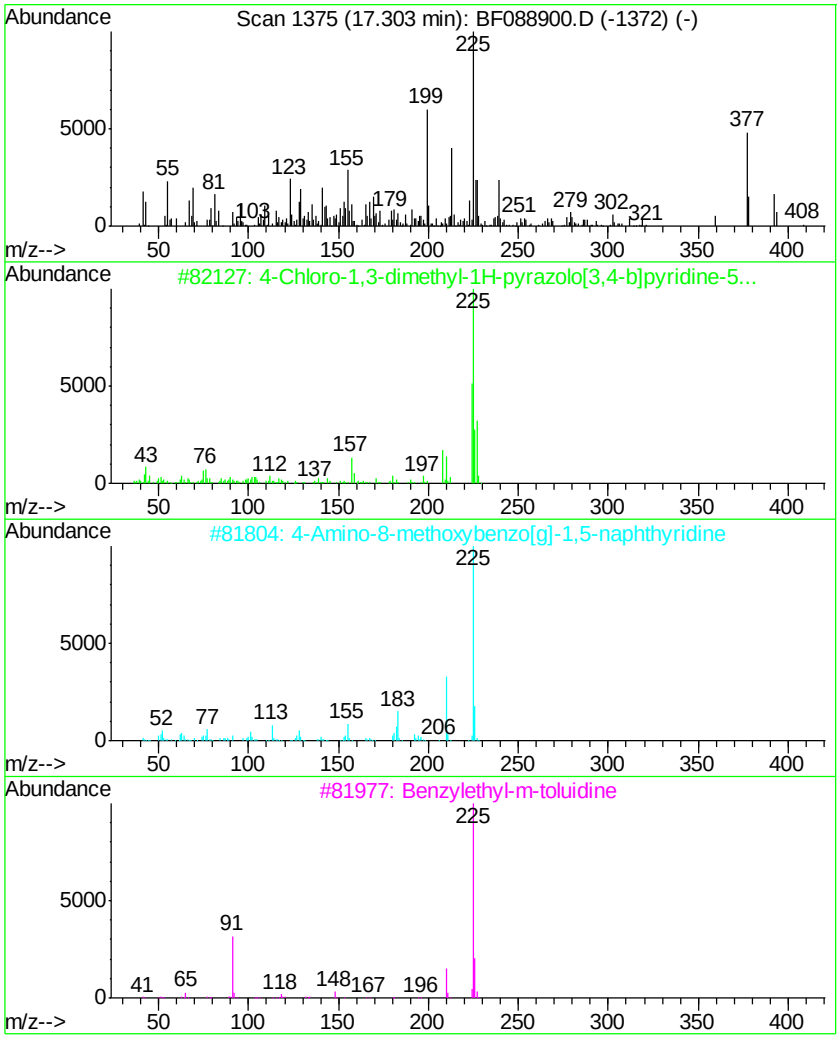
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

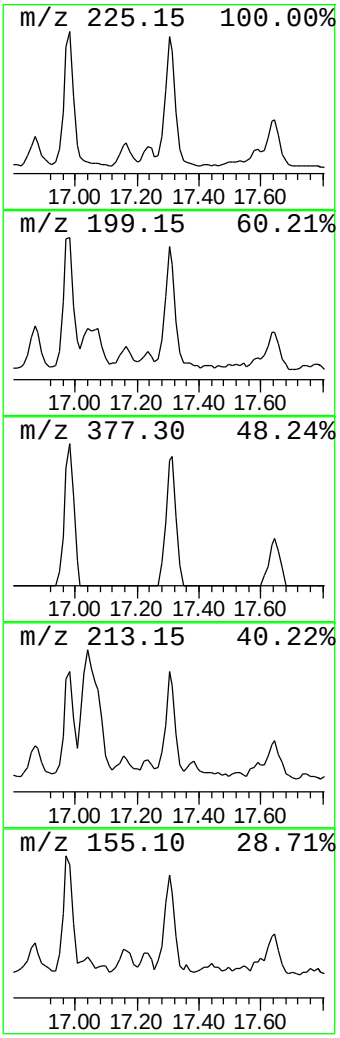
****

Peak Number 14 unknown17.30 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.30	20.10 ng	330833	Perylene-d12	15.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-1,3-dimethyl-1H-pyrazol...	225	C9H8ClN3O2	1000293-90-4	30
2	4-Amino-8-methoxybenzo[g]-1,5-na...	225	C13H11N3O	026660-50-4	22
3	Benzylethyl-m-toluidine	225	C16H19N	069295-70-1	22
4	2,4-Bis-(4-methoxyphenyl)-2-meth...	374	C24H26N2O2	113714-19-5	22
5	2,6-Di-n-butyl-4-phenylpyridine	267	C19H25N	073669-42-8	22





Data Path : Z:\HPCHEM1\BNA F\DATA\BF071116\
Data File : BF088900.D
Acq On : 11 Jul 2016 15:34
Operator : UM/SJ
Sample : H3948-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NC-02

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

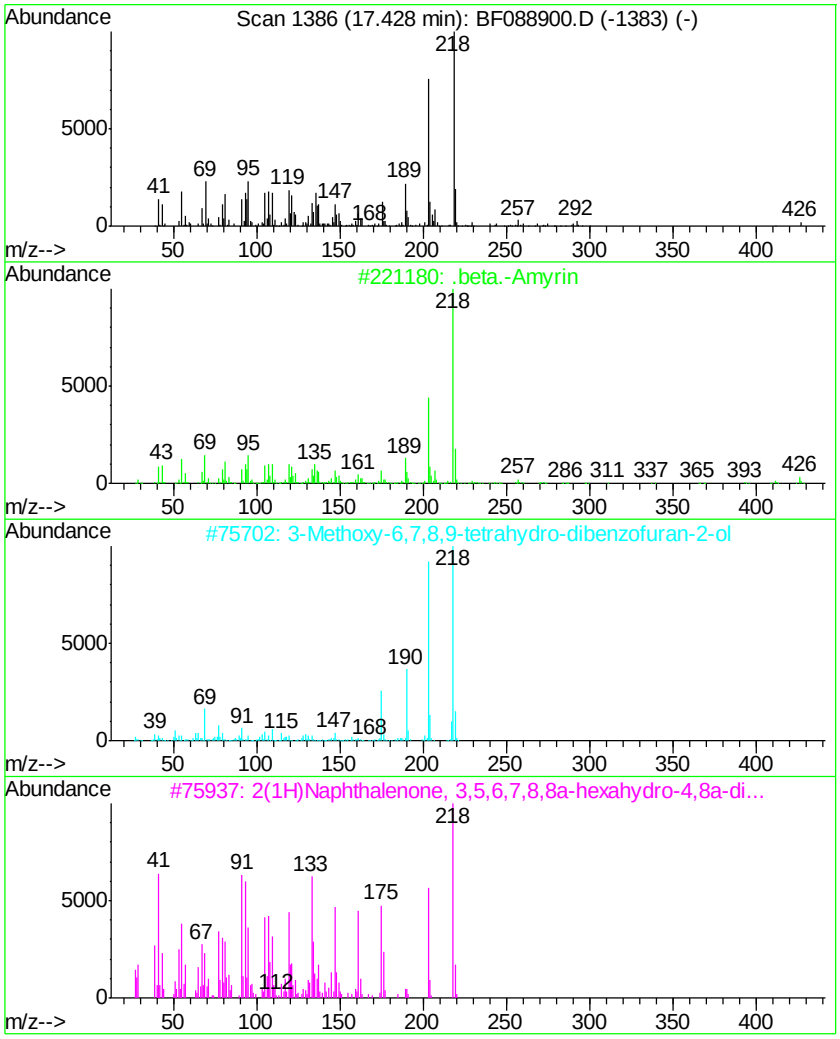
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

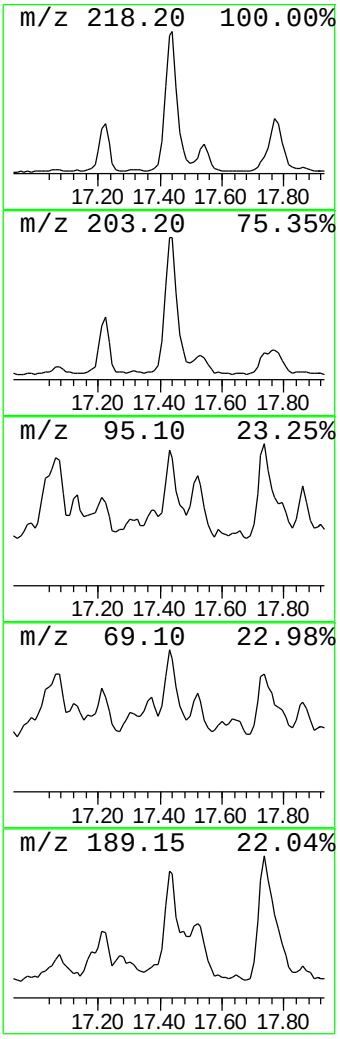
****

Peak Number 15 .beta.-Amyrin Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.43	46.76 ng	769476	Perylene-d12	15.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-Amyrin	426	C30H50O	000559-70-6	76
2	3-Methoxy-6,7,8,9-tetrahydro-dib...	218	C13H14O3	1000186-57-9	68
3	2(1H)Naphthalenone, 3,5,6,7,8,8a...	218	C15H22O	1000188-66-5	64
4	.beta.-Amyrin trimethylsilyl ether	498	C33H58OSi	001721-67-1	58
5	8-Amino-6,7-dimethoxy-4-methylqu...	218	C12H14N2O2	1000213-07-2	58





Data Path : Z:\HPCHEM1\BNA F\DATA\BF071116\
Data File : BF088900.D
Acq On : 11 Jul 2016 15:34
Operator : UM/SJ
Sample : H3948-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NC-02

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

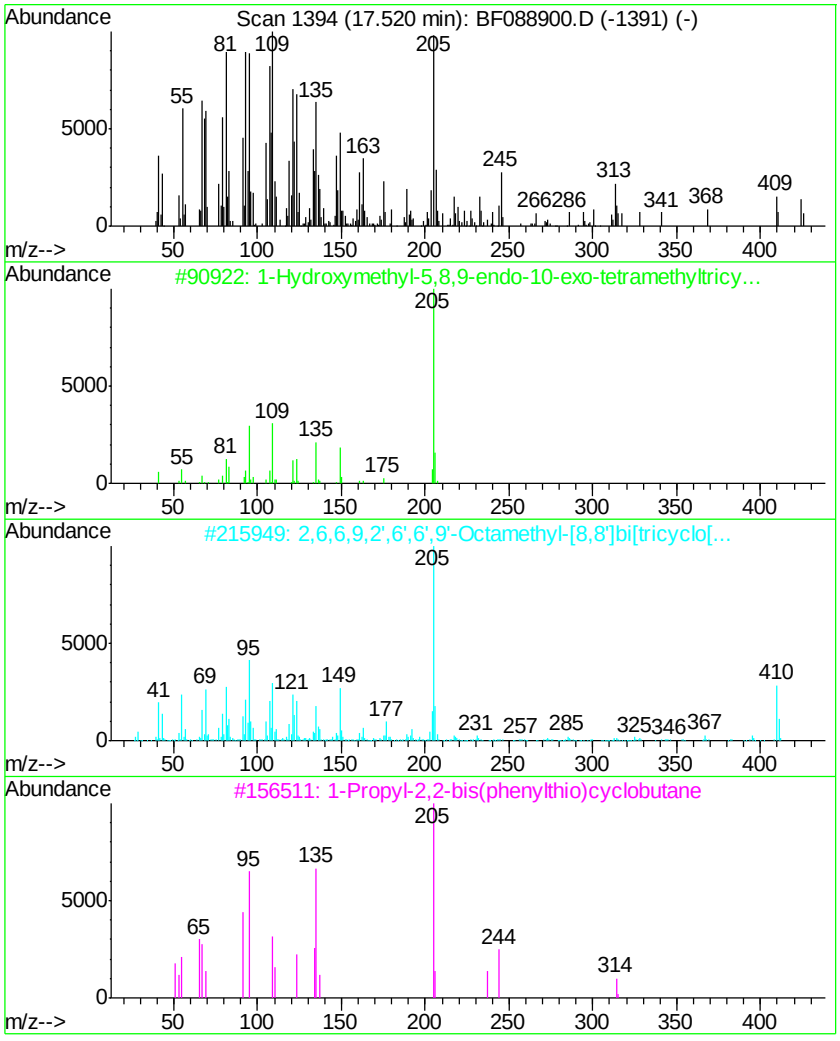
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

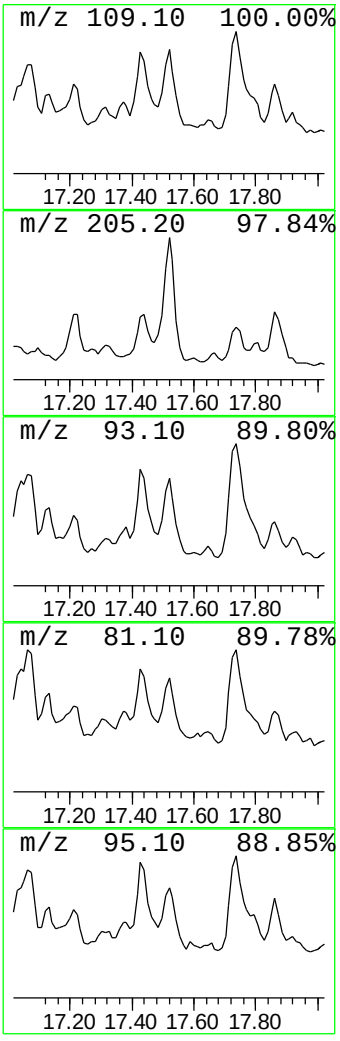
****

Peak Number 16 1-Hydroxymethyl-5,8,9-endo-... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.52	24.20 ng	398321	Perylene-d12	15.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hydroxymethyl-5,8,9-endo-10-ex...	236	C16H28O	1000140-32-9	58
2	2,6,6,9,2',6',6',9'-Octamethyl-[...	410	C30H50	1000189-48-2	49
3	1-Propyl-2,2-bis(phenylthio)cycl...	314	C19H22S2	122732-89-2	45
4	6,10-Dimethyl-3-(1-methylethylid...	206	C15H26	069239-71-0	43
5	1-Chloro-1-ethyl-3-methyl-1-germ...	206	C7H13ClGe	026311-76-2	30





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071116\
Data File : BF088900.D
Acq On : 11 Jul 2016 15:34
Operator : UM/SJ
Sample : H3948-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NC-02

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

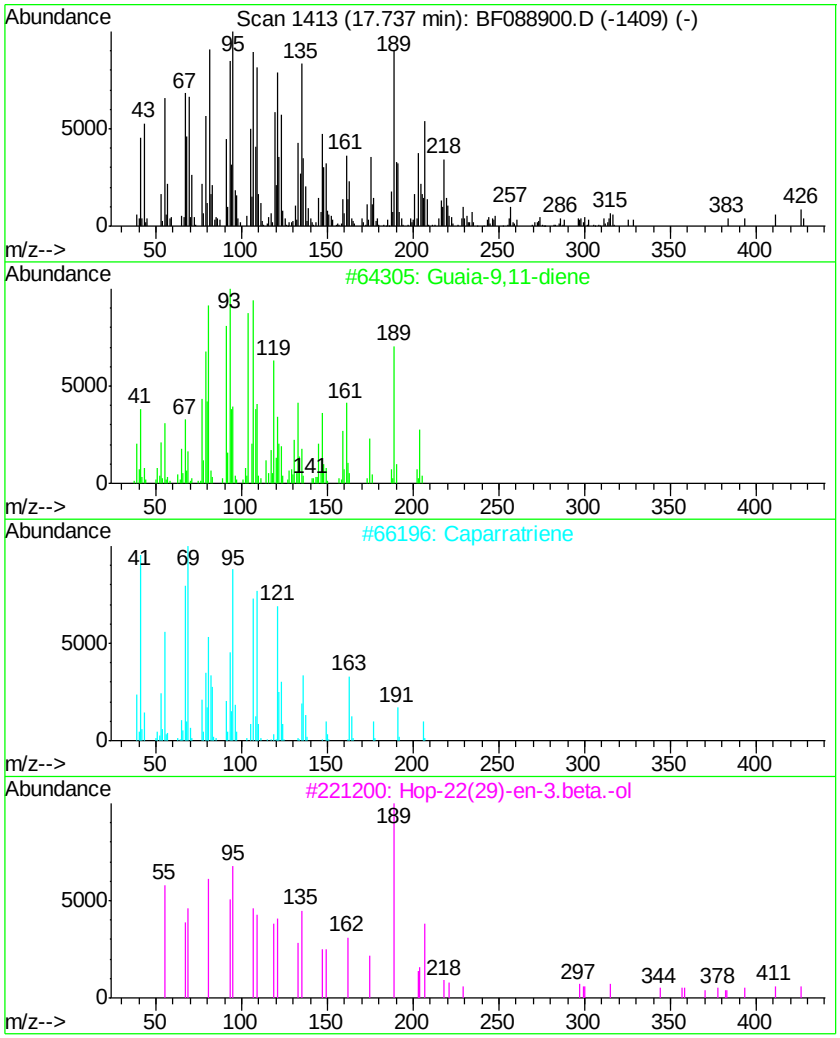
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

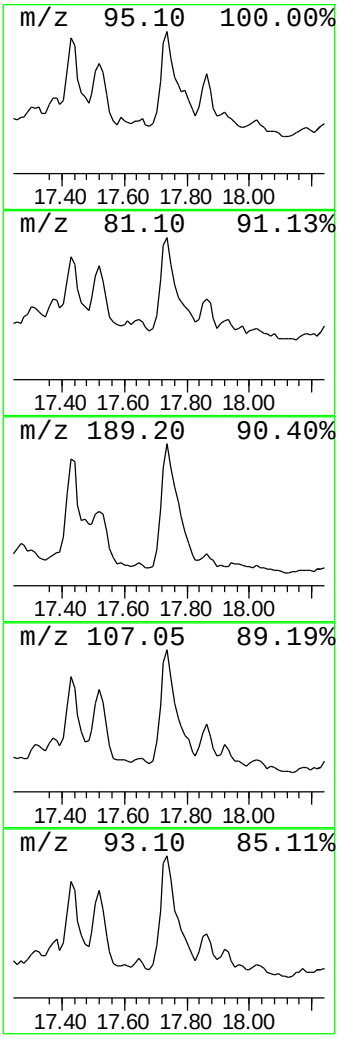
****

Peak Number 17 Guaia-9,11-diene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.74	63.63 ng	1047110	Perylene-d12	15.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Guaia-9,11-diene	204	C15H24	1000374-19-8	70
2	Caparratriene	206	C15H26	1000374-08-7	70
3	Hop-22(29)-en-3.beta.-ol	426	C30H50O	058801-23-3	64
4	1-Formyl-2,2,6-trimethyl-3-cis-(...	220	C15H24O	1000144-10-1	55
5	(-)-Neoclovene-(I), dihydro-	206	C15H26	1000152-82-1	53





Data Path : Z:\HPCHEM1\BNA F\DATA\BF071116\
Data File : BF088900.D
Acq On : 11 Jul 2016 15:34
Operator : UM/SJ
Sample : H3948-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NC-02

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

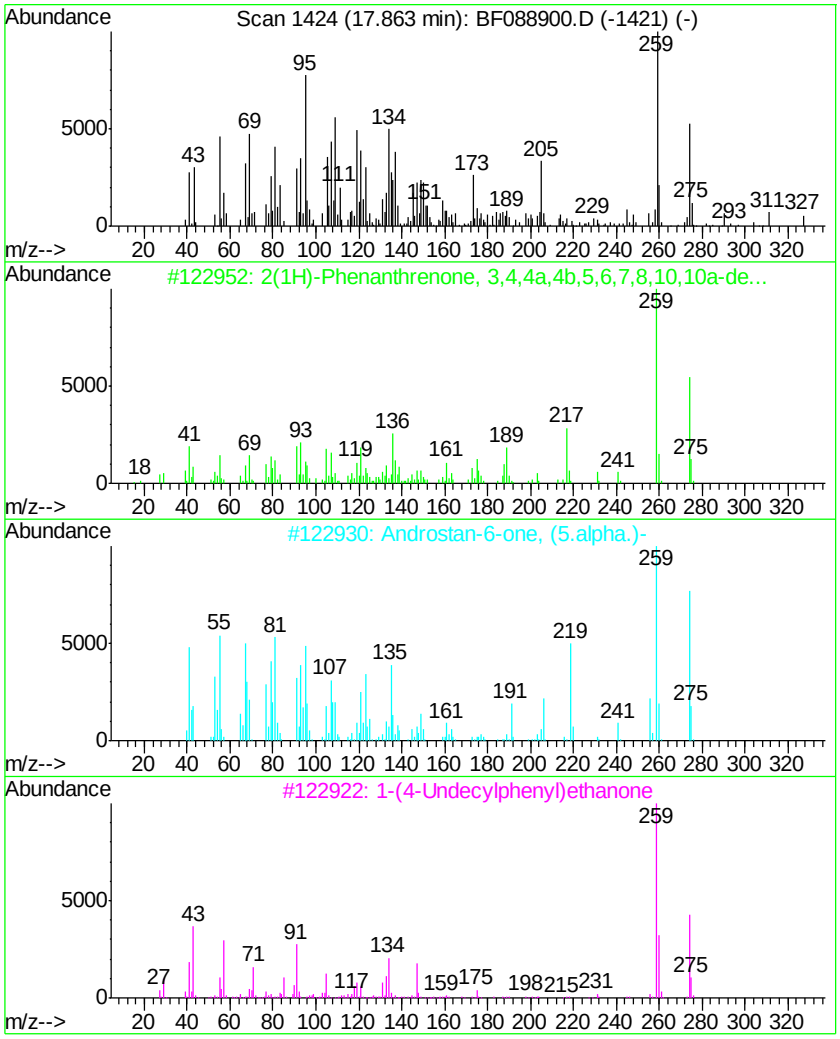
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

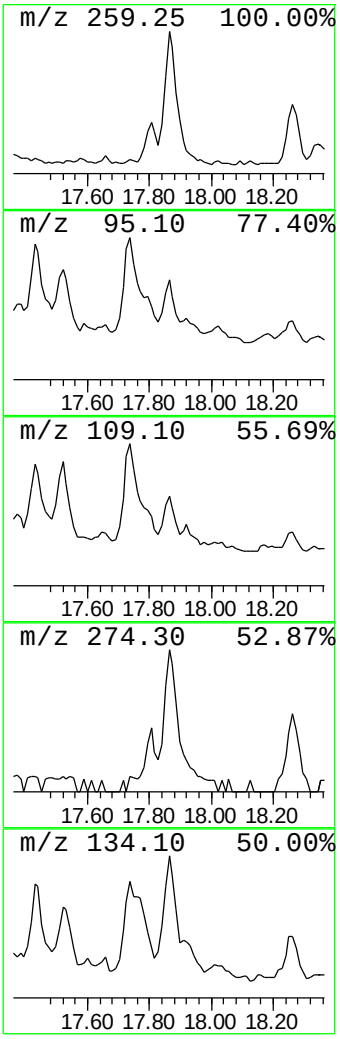
****

Peak Number 18 unknown17.86 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.86	18.11 ng	298041	Perylene-d12	15.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2(1H)-Phenanthrenone, 3,4,4a,4b,...	274	C19H30O	007715-44-8	38
2	Androstan-6-one, (5.alpha.)-	274	C19H30O	003676-06-0	30
3	1-(4-Undecylphenyl)ethanone	274	C19H30O	1000185-92-4	25
4	Propanamide, N-(1-ethyl-1,2,3,4-...	274	C17H26N2O	063134-09-8	25
5	Endo-2-bornyl carbanilate	273	C17H23NO2	006907-15-9	18





Data Path : Z:\HPCHEM1\BNA F\DATA\BF071116\
Data File : BF088900.D
Acq On : 11 Jul 2016 15:34
Operator : UM/SJ
Sample : H3948-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NC-02

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

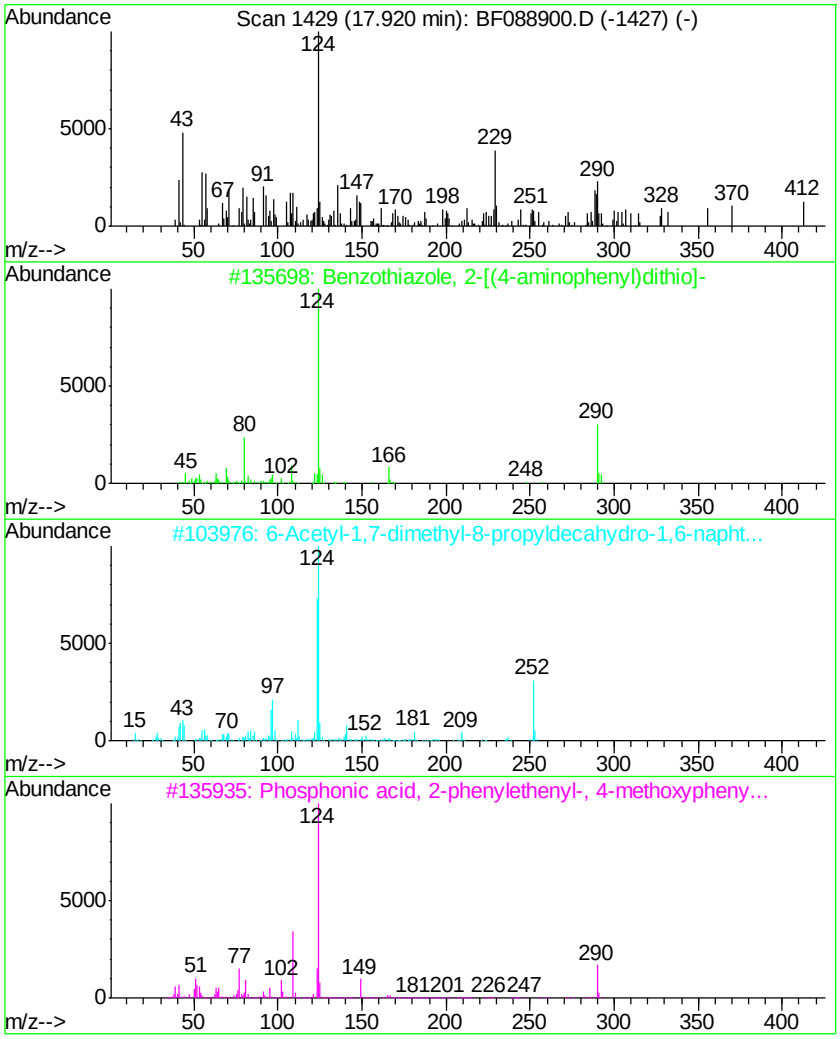
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

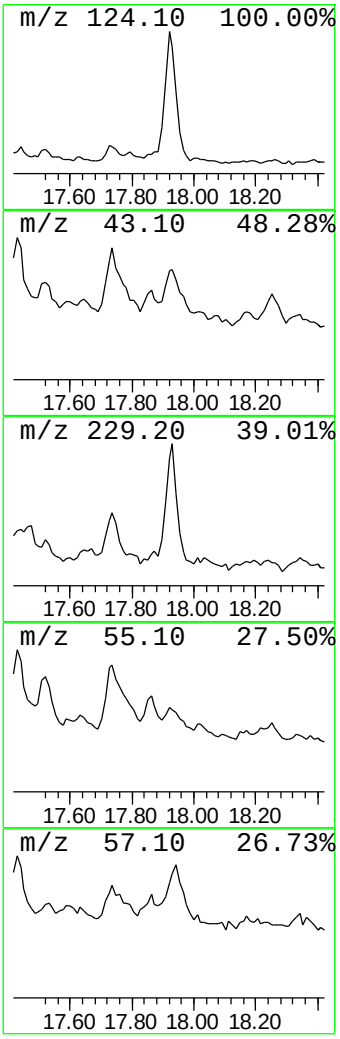
****

Peak Number 19 unknown17.92 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.92	16.66 ng	274128	Perylene-d12	15.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzothiazole, 2-[(4-aminophenyl...	290	C13H10N2S3	159357-92-3	41
2	6-Acetyl-1,7-dimethyl-8-propylde...	252	C15H28N2O	1000240-86-9	38
3	Phosphonic acid, 2-phenylethenyl...	290	C15H15O4P	330855-58-8	38
4	3-(4-Fluoroanilino)-1-(3-nitroph...	288	C15H13FN2O3	350039-84-8	38
5	p-Fluoroatropine dehydrate	289	C17H20FNO2	1000212-74-8	38





Data Path : Z:\HPCHEM1\BNA F\DATA\BF071116\
Data File : BF088900.D
Acq On : 11 Jul 2016 15:34
Operator : UM/SJ
Sample : H3948-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NC-02

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

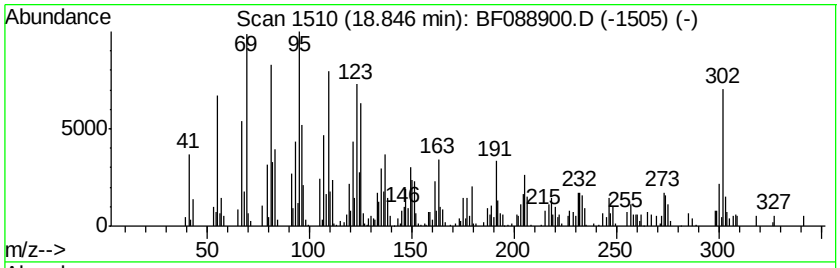
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

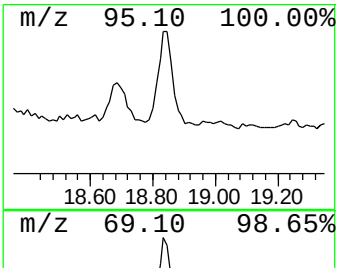
****

Peak Number 20 unknown18.85 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.85	34.59 ng	569315	Perylene-d12	15.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Tetradecyne	194	C14H26	035216-11-6	49
2	(-)-Isolongifolol, trifluoroacetate	318	C17H25F3O2	1000375-55-2	42
3	Bicyclo[2.2.1]heptane, 2,2,3-tri...	138	C10H18	020536-41-8	38
4	3-Cyclopentylpropionic acid, 3-c...	216	C11H17ClO2	1000292-47-2	35
5	Caparratriene	206	C15H26	1000374-08-7	35





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071116\
Data File : BF088900.D
Acq On : 11 Jul 2016 15:34
Operator : UM/SJ
Sample : H3948-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NC-02

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.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
unknown6.48	6.48	70.5	ng	1575390	1	6.71	446632	20.0
Hexadecane	14.94	55.7	ng	916124	6	15.22	329142	20.0
Benzo[e]pyrene	15.11	17.7	ng	291239	6	15.22	329142	20.0
Eicosane	15.66	63.9	ng	1051680	6	15.22	329142	20.0
Vitamin E	15.89	12.7	ng	208210	6	15.22	329142	20.0
n-Heptanoic acid,...	16.98	15.3	ng	252228	6	15.22	329142	20.0
.beta.-Sitosterol	17.04	27.5	ng	452709	6	15.22	329142	20.0
Stigmastanol	17.13	26.5	ng	436330	6	15.22	329142	20.0
6H-[1,2]Dioxeto[3...	17.22	18.7	ng	307016	6	15.22	329142	20.0
unknown17.30	17.30	20.1	ng	330833	6	15.22	329142	20.0
.beta.-Amyrin	17.43	46.8	ng	769476	6	15.22	329142	20.0
1-Hydroxymethyl-5...	17.52	24.2	ng	398321	6	15.22	329142	20.0
Guaia-9,11-diene	17.74	63.6	ng	1047110	6	15.22	329142	20.0
unknown17.86	17.86	18.1	ng	298041	6	15.22	329142	20.0
unknown17.92	17.92	16.7	ng	274128	6	15.22	329142	20.0
unknown18.85	18.85	34.6	ng	569315	6	15.22	329142	20.0