LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060616\
Data File : BF087770.D
Acq On : 7 Jun 2016 2:26
Operator : UM/SJ
Sample : H3365-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP2

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-BF060416.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	1.678	5	8	11	rVB	3615959	6245470	100.00%	12.941%
2	1.770	14	16	25	rVV	220481	432923	6.93%	0.897%
3	1.896	25	27	42	rVB	2025153	3584950	57.40%	7.428%
4	2.090	42	44	61	rVB	79624	261224	4.18%	0.541%
5	5.027	298	301	306	rBV	170136	207886	3.33%	0.431%
6	5.450	335	338	340	rBV	1868702	2197140	35.18%	4.553%
7	6.479	425	428	431	rBV	1627874	1899451	30.41%	3.936%
8	6.616	437	440	442	rBV	2231249	2048880	32.81%	4.245%
9	6.845	458	460	463	rBV	623974	690264	11.05%	1.430%
10	7.005	472	474	477	rVB	1915663	1657382	26.54%	3.434%
11	7.416	507	510	512	rBV	1321385	1396735	22.36%	2.894%
12	8.136	570	573	574	rBV	1064978	950039	15.21%	1.969%
13	9.211	664	667	670	rVB	2237588	2016908	32.29%	4.179%
14	9.553	692	697	700	rBV2	72310	164644	2.64%	0.341%
15	9.599	700	701	704	rVV	154234	217676	3.49%	0.451%
16	9.748	712	714	717	rBV2	64757	85686	1.37%	0.178%
17	9.885	724	726	728	rBV	910862	895539	14.34%	1.856%
18	9.919	728	729	731	rVB	108413	80113	1.28%	0.166%
19	10.011	734	737	739	rBV2	62021	88533	1.42%	0.183%
20	10.091	742	744	746	rBV	90136	81906	1.31%	0.170%
21	10.434	772	774	777	rVB	76517	83554	1.34%	0.173%
22	10.548	781	784	786	rVV2	37898	69614	1.11%	0.144%
23	10.674	792	795	797	rVB	1256040	1200631	19.22%	2.488%
24	10.708	797	798	804	rVB6	35161	63069	1.01%	0.131%
25	10.799	804	806	809	rVB2	112037	132466	2.12%	0.274%
26	11.245	844	845	850	rVB2	52120	104741	1.68%	0.217%
27	11.371	854	856	857	rBV	857947	911053	14.59%	1.888%
28	11.439	860	862	864	rVV2	205854	323244	5.18%	0.670%
29	11.508	867	868	873	rVB3	49995	67304	1.08%	0.139%
30	11.599	873	876	881	rBV3	71854	139829	2.24%	0.290%
31	11.874	897	900	901	rBV	246814	334058	5.35%	0.692%
32	11.908	901	903	905	rVV2	400183	528656	8.46%	1.095%
33	11.942	905	906	907	rVV	88256	81367	1.30%	0.169%
34	11.977	907	909	914	rVB	182223	313398	5.02%	0.649%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060616\
Data File : BF087770.D
Acq On : 7 Jun 2016 2:26
Operator : UM/SJ
Sample : H3365-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP2

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-BF060416.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.068	914	917	922	rBV5	121054	246103	3.94%	0.510%
36	12.159	922	925	930	rVB5	78981	181237	2.90%	0.376%
37	12.308	935	938	940	rVB4	32318	68791	1.10%	0.143%
38	12.342	940	941	944	rVB2	64147	86219	1.38%	0.179%
39	12.422	944	948	949	rBV	125331	216475	3.47%	0.449%
40	12.445	949	950	954	rVB2	72643	147201	2.36%	0.305%
41	12.525	954	957	960	rBV	378944	518188	8.30%	1.074%
42	12.571	960	961	963	rVV	381056	516808	8.27%	1.071%
43	12.617	963	965	969	rVV4	126876	234260	3.75%	0.485%
44	12.800	977	981	985	rBV3	461137	887880	14.22%	1.840%
45	12.960	992	995	997	rVB	1135654	1594095	25.52%	3.303%
46	13.028	997	1001	1002	rBV2	48724	69451	1.11%	0.144%
47	13.131	1007	1010	1012	rBV	130609	172785	2.77%	0.358%
48	13.200	1013	1016	1017	rVB2	100497	132324	2.12%	0.274%
49	13.234	1017	1019	1021	rBV	106943	128209	2.05%	0.266%
50	13.325	1025	1027	1028	rBV	72503	68490	1.10%	0.142%
51	13.360	1028	1030	1031	rBV	99628	105183	1.68%	0.218%
52	13.382	1031	1032	1038	rVB4	188034	323799	5.18%	0.671%
53	13.485	1040	1041	1043	rVB	148487	119439	1.91%	0.247%
54	13.748	1061	1064	1066	rBV2	70901	154303	2.47%	0.320%
55	13.862	1071	1074	1078	rVV4	227629	388926	6.23%	0.806%
56	13.931	1078	1080	1083	rVV2	87917	101017	1.62%	0.209%
57	14.000	1083	1086	1092	rVB2	816002	1274939	20.41%	2.642%
58	14.102	1092	1095	1097	rBV3	46246	97530	1.56%	0.202%
59	14.182	1100	1102	1104	rVB2	65042	78941	1.26%	0.164%
60	14.388	1118	1120	1121	rBV	67298	76848	1.23%	0.159%
61	14.480	1126	1128	1132	rVV2	216660	433931	6.95%	0.899%
62	14.537	1132	1133	1135	rVB	97553	72103	1.15%	0.149%
63	14.777	1151	1154	1158	rBV4	66050	206510	3.31%	0.428%
64	14.857	1158	1161	1163	rVB	165247	217756	3.49%	0.451%
65	15.017	1173	1175	1181	rVB	190987	376833	6.03%	0.781%
66	15.108	1181	1183	1195	rVB2	631441	1220836	19.55%	2.530%
67	15.303	1198	1200	1203	rVB	118231	162064	2.59%	0.336%
68	15.360	1203	1205	1209	rBV	124135	207269	3.32%	0.429%
69	15.428	1209	1211	1213	rBV	395208	467123	7.48%	0.968%
70	15.897	1249	1252	1254	rBV	413756	682579	10.93%	1.414%
71	15.943	1254	1256	1260	rVB2	121365	228859	3.66%	0.474%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060616\
Data File : BF087770.D
Acq On : 7 Jun 2016 2:26
Operator : UM/SJ
Sample : H3365-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP2

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-BF060416.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	16.148	1272	1274	1281	rVB	134325	256550	4.11%	0.532%
73	16.526	1305	1307	1313	rVB2	70757	139308	2.23%	0.289%
74	16.811	1330	1332	1334	rBV2	63339	116494	1.87%	0.241%
75	16.937	1340	1343	1346	rBV	82392	171947	2.75%	0.356%
76	17.006	1346	1349	1354	rVV4	64400	165020	2.64%	0.342%
77	17.234	1367	1369	1376	rVB	63532	159570	2.55%	0.331%
78	17.406	1379	1384	1396	rVV3	470328	1719365	27.53%	3.563%
79	17.600	1398	1401	1406	rVB	120216	283751	4.54%	0.588%
80	17.840	1418	1422	1427	rBV	222102	749673	12.00%	1.553%
81	17.931	1427	1430	1435	rVB4	229904	660611	10.58%	1.369%
82	18.171	1446	1451	1452	rBV	246300	588949	9.43%	1.220%
83	18.309	1460	1463	1465	rBV3	41876	112731	1.81%	0.234%
84	18.366	1466	1468	1475	rVB5	89976	268976	4.31%	0.557%
85	19.212	1537	1542	1550	rVB2	102766	386565	6.19%	0.801%
86	19.372	1550	1556	1565	rVB2	181379	660096	10.57%	1.368%

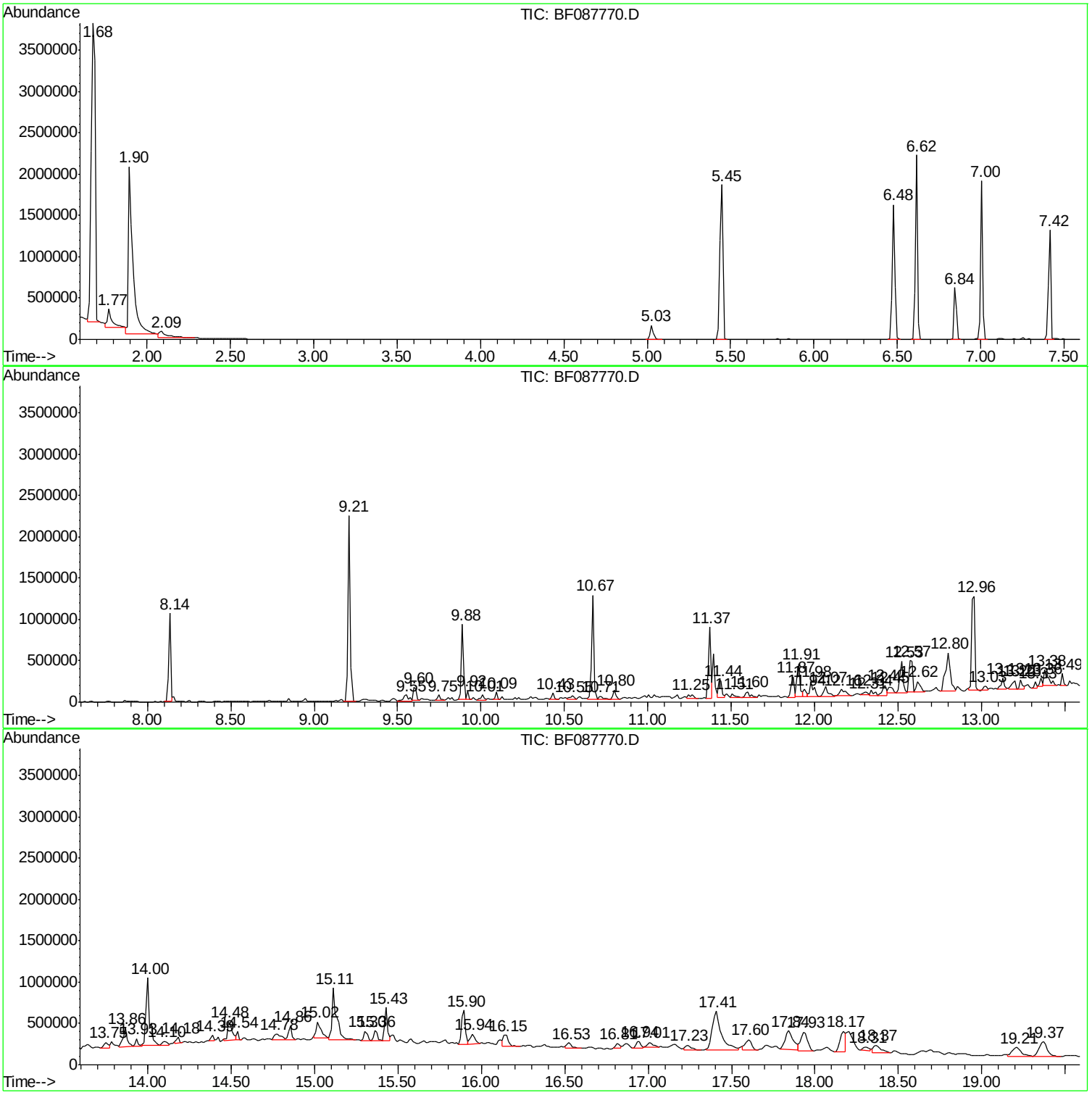
Sum of corrected areas: 48261243

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060616\
Data File : BF087770.D
Acq On : 7 Jun 2016 2:26
Operator : UM/SJ
Sample : H3365-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060616\
Data File : BF087770.D
Acq On : 7 Jun 2016 2:26
Operator : UM/SJ
Sample : H3365-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

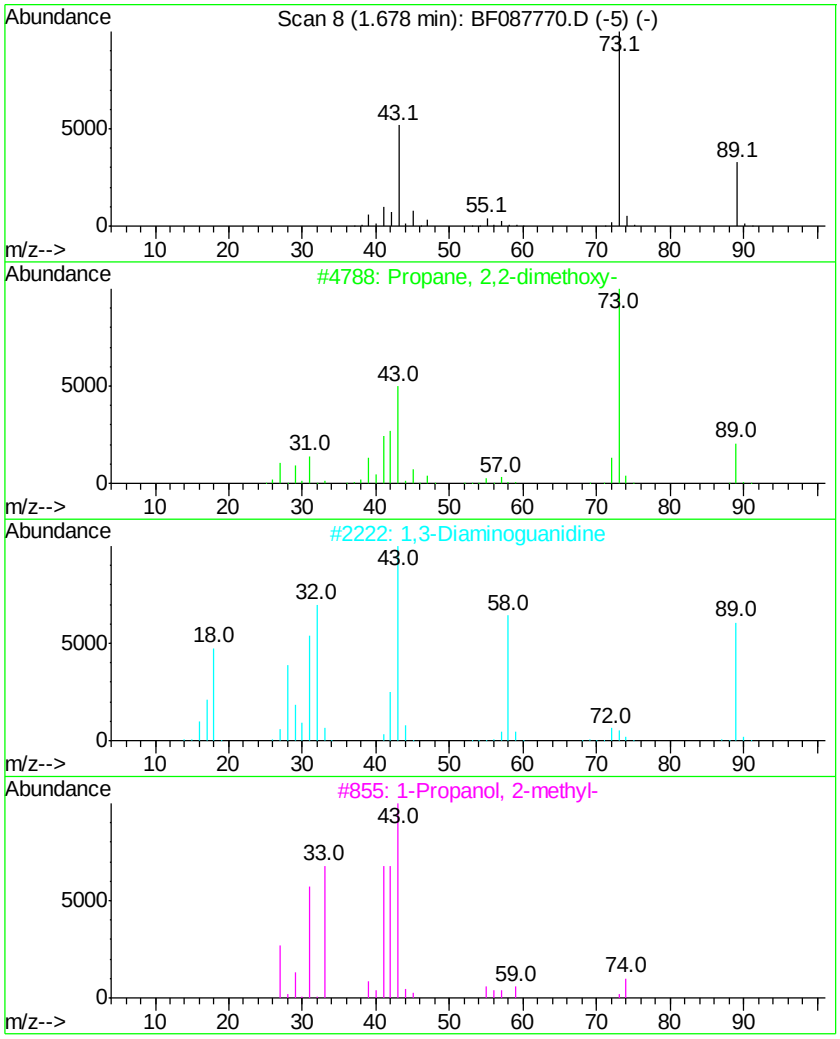
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

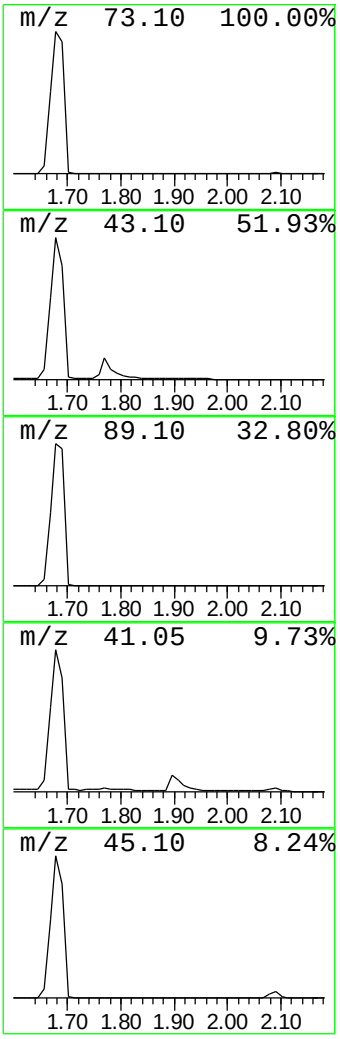
****

Peak Number 1 unknown1.68 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.68	180.96 ng	6245470	1,4-Dichlorobenzene-d4	6.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	38
2	1,3-Diaminoguanidine	89	CH7N5	004364-78-7	9
3	1-Propanol, 2-methyl-	74	C4H10O	000078-83-1	9
4	Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9
5	2-Hydroxy-2-methylbutyric acid	118	C5H10O3	003739-30-8	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF060616\
Data File : BF087770.D
Acq On : 7 Jun 2016 2:26
Operator : UM/SJ
Sample : H3365-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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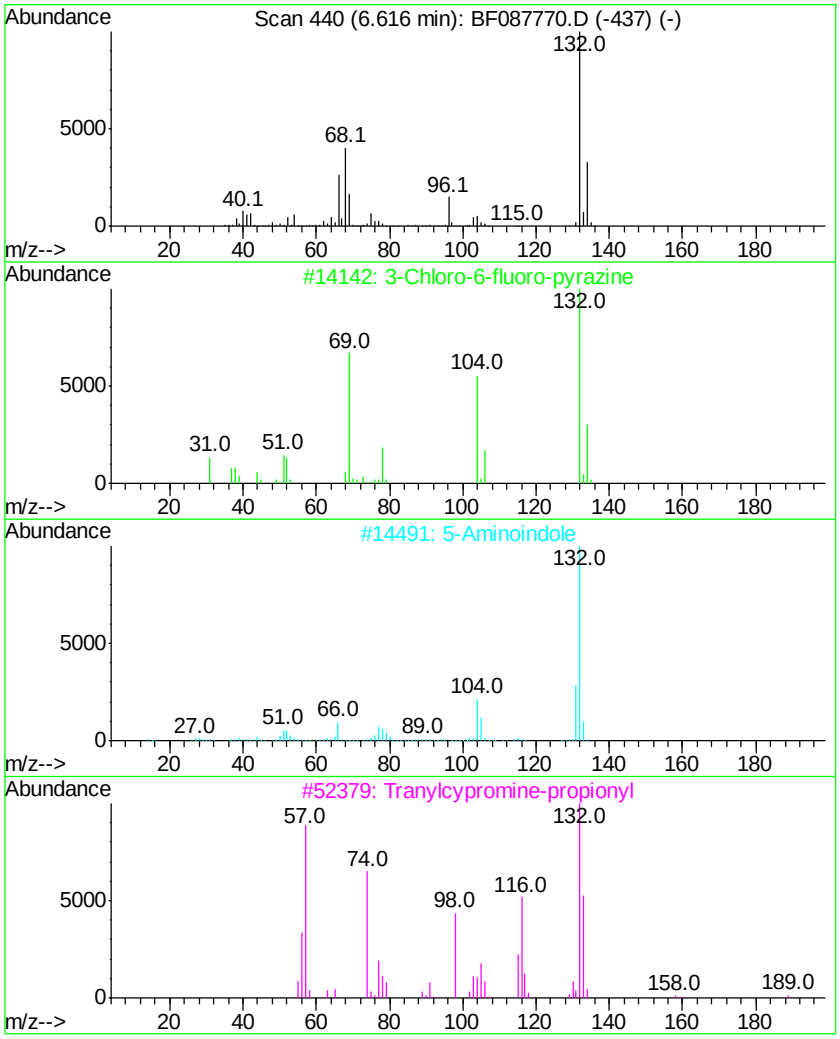
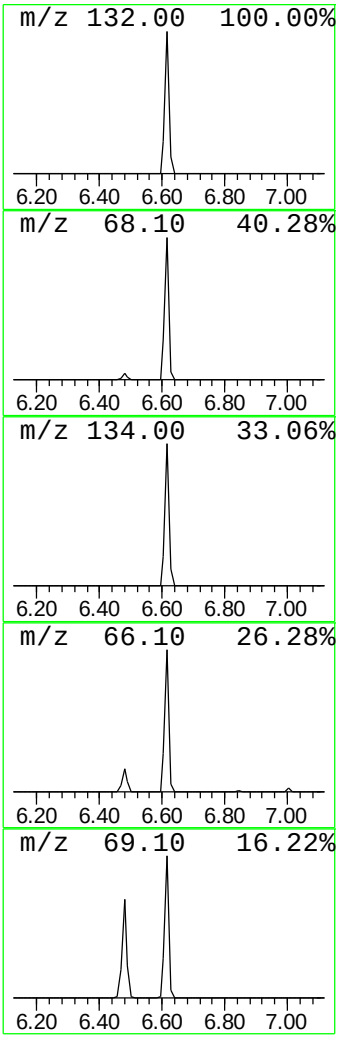
Peak Number 4 unknown6.62 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	59.37 ng	2048880	1,4-Dichlorobenzene-d4	6.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF060616\
Data File : BF087770.D
Acq On : 7 Jun 2016 2:26
Operator : UM/SJ
Sample : H3365-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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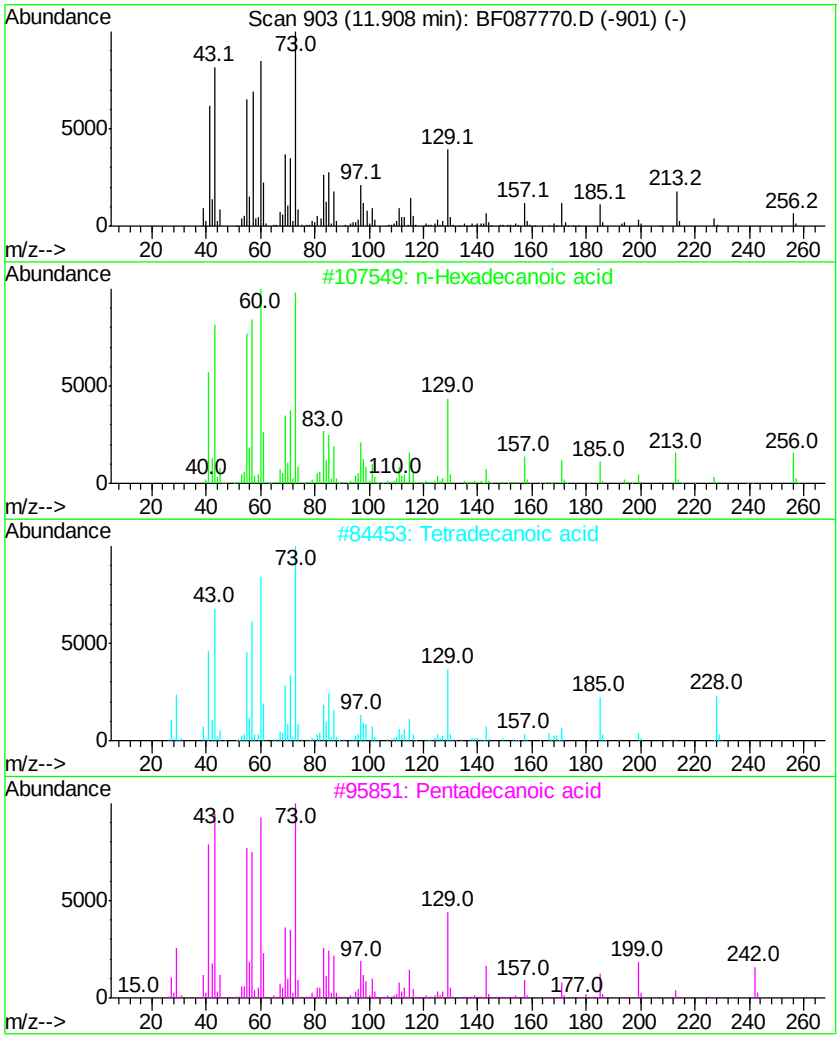
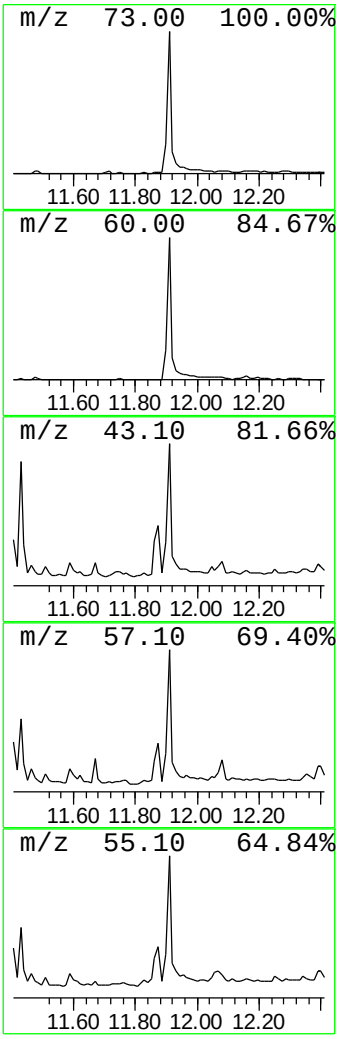
Peak Number 6 n-Hexadecanoic acid Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.91	11.61 ng	528656	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	94
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
4	Tridecanoic acid	214	C13H26O2	000638-53-9	90
5	Dodecanoic acid	200	C12H24O2	000143-07-7	64





Data Path : Z:\HPCHEM1\BNA F\DATA\BF060616\
Data File : BF087770.D
Acq On : 7 Jun 2016 2:26
Operator : UM/SJ
Sample : H3365-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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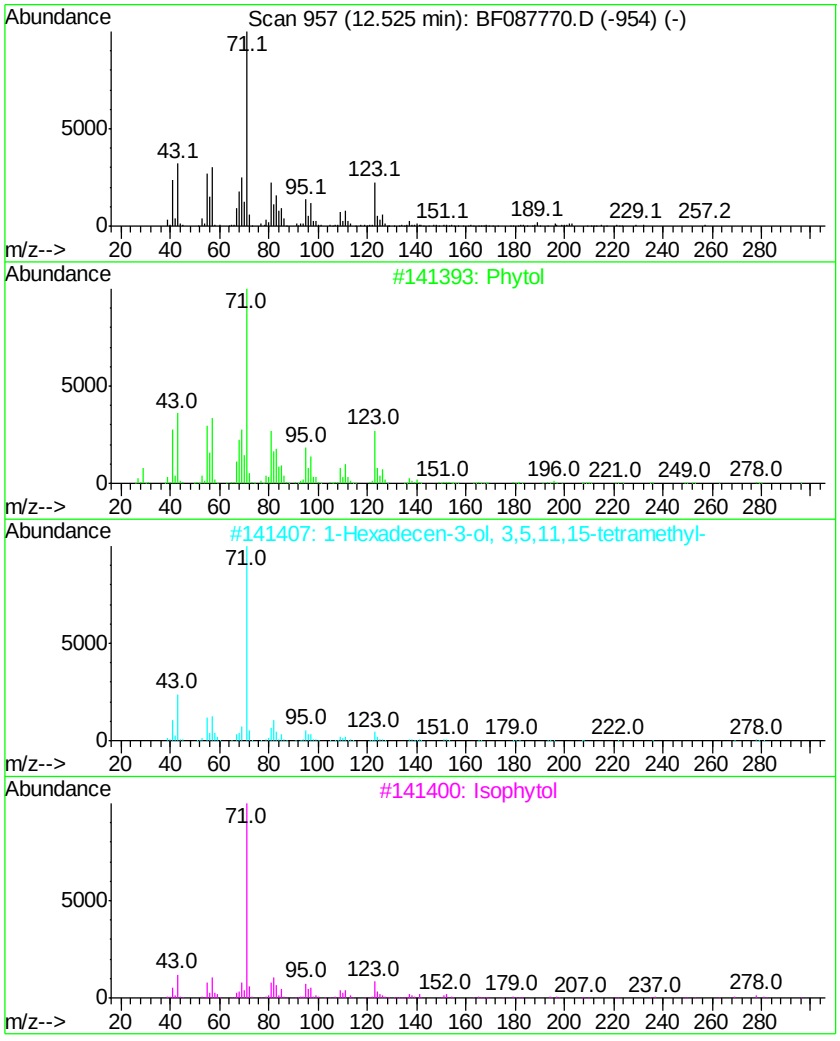
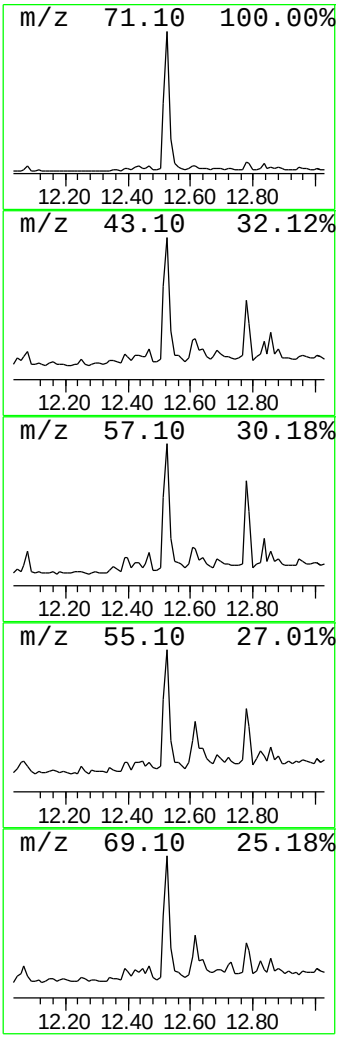
Peak Number 7 Phytol Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.53	11.38 ng	518188	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phytol	296	C20H40O	000150-86-7	91
2	1-Hexadecen-3-ol, 3,5,11,15-tetr...	296	C20H40O	1000262-55-5	64
3	Isophytol	296	C20H40O	000505-32-8	64
4	Sulfurous acid, octadecyl 2-pent...	404	C23H48O3S	1000309-16-6	53
5	Ether, methyl 1-tetradecenyl	226	C15H30O	026537-05-3	53





Data Path : Z:\HPCHEM1\BNA F\DATA\BF060616\
Data File : BF087770.D
Acq On : 7 Jun 2016 2:26
Operator : UM/SJ
Sample : H3365-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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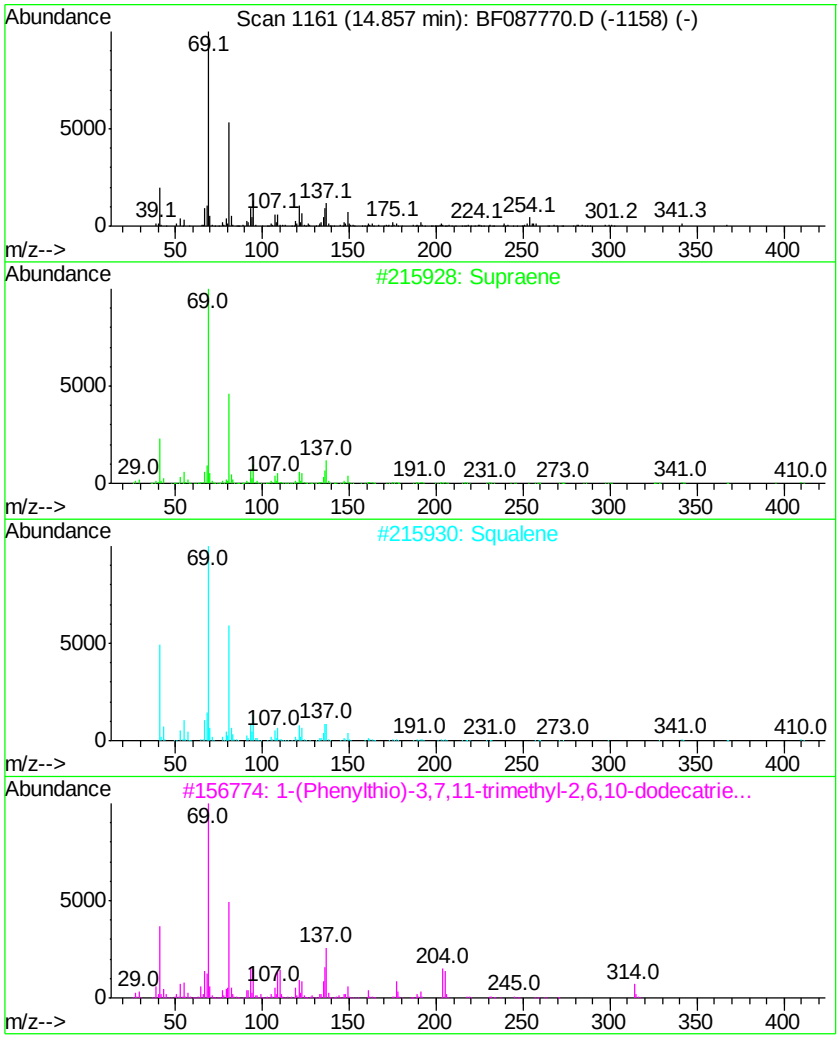
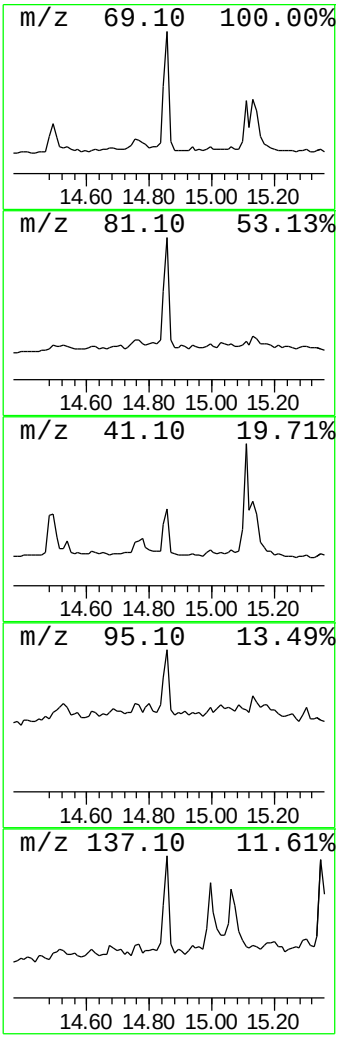
Peak Number 8 Supraene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.86	9.32 ng	217756	Perylene-d12	15.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Supraene	410	C30H50	007683-64-9	90
2	Squalene	410	C30H50	000111-02-4	90
3	1-(Phenylthio)-3,7,11-trimethyl-...	314	C21H30S	028413-57-2	78
4	Farnesol isomer a	222	C15H26O	1000108-92-4	64
5	2,6,10-Dodecatrien-1-ol, 3,7,11-...	264	C17H28O2	004128-17-0	64





Data Path : Z:\HPCHEM1\BNA F\DATA\BF060616\
Data File : BF087770.D
Acq On : 7 Jun 2016 2:26
Operator : UM/SJ
Sample : H3365-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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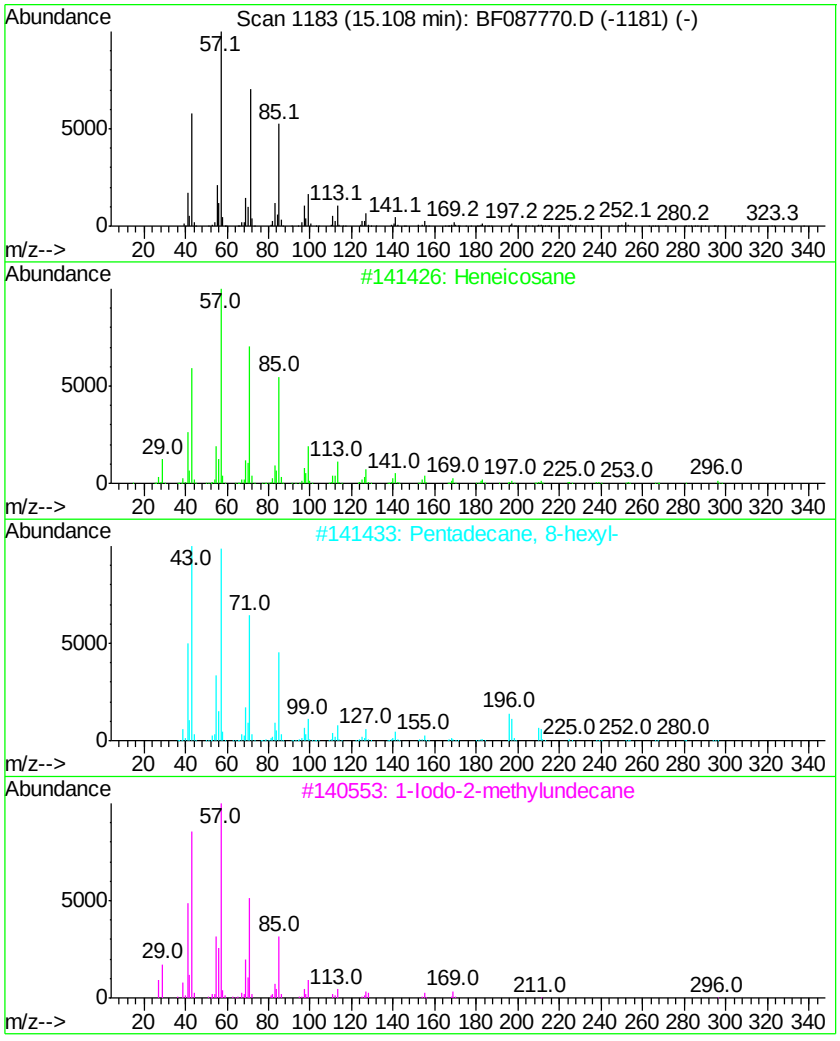
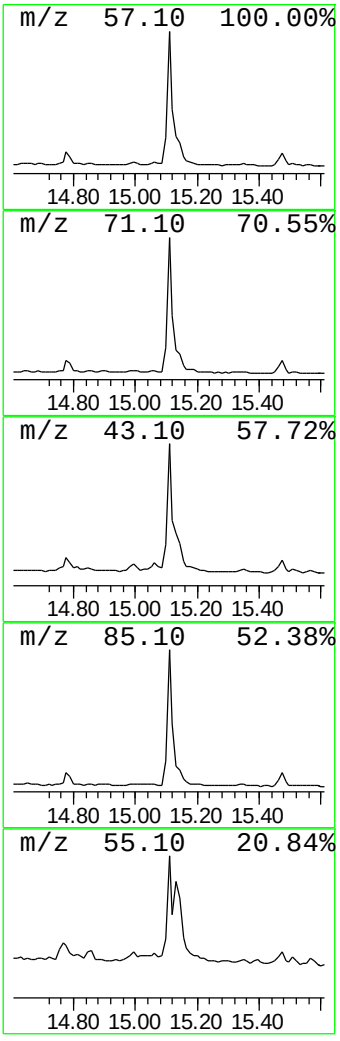
Peak Number 9 Heneicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.11	52.27 ng	1220840	Perylene-d12	15.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	98
2	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	94
3	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	94
4	Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
5	Octacosane	394	C28H58	000630-02-4	91





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Sample : H3365-02
Misc :
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ClientSampleId : COMP2

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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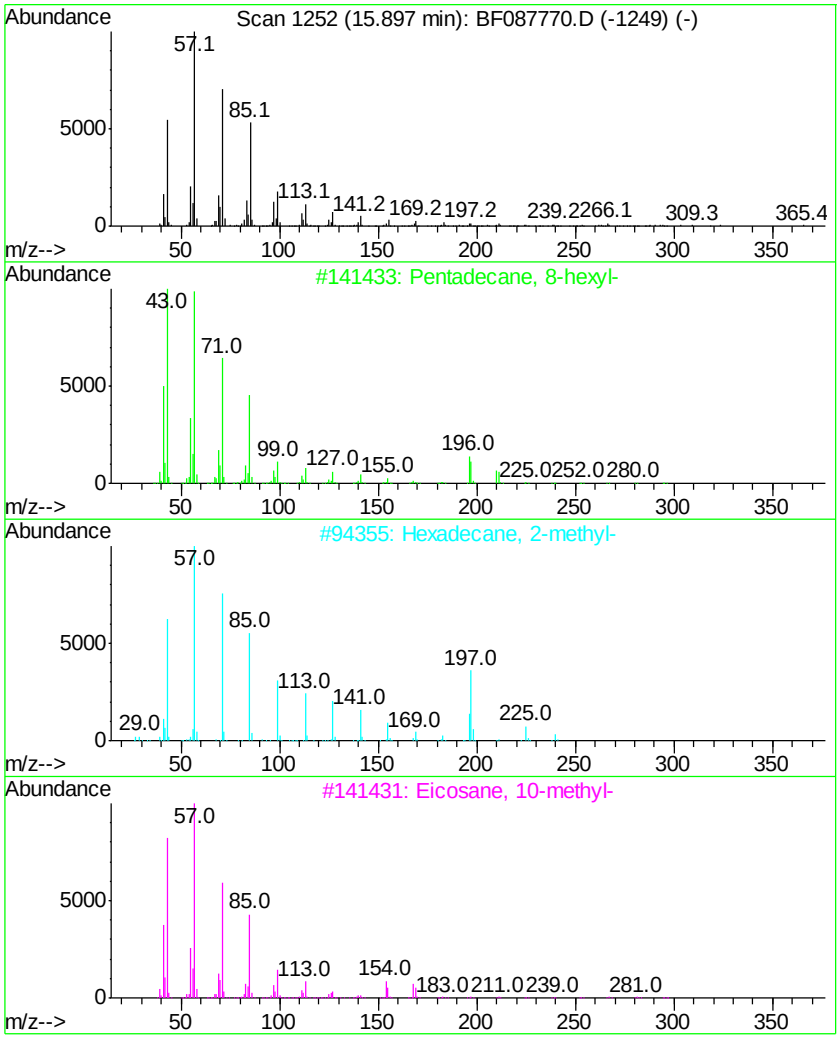
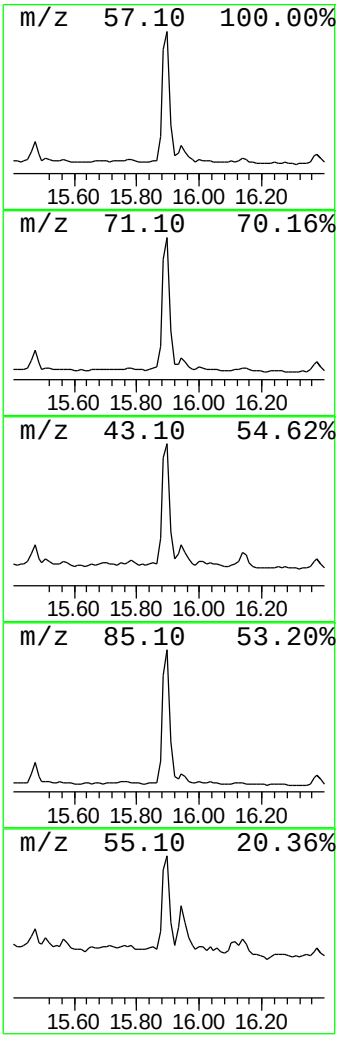
Peak Number 10 Pentadecane, 8-hexyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.90	29.22 ng	682579	Perylene-d12	15.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	94
2	Hexadecane, 2-methyl-	240	C17H36	001560-92-5	93
3	Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
4	Octacosane	394	C28H58	000630-02-4	91
5	Heneicosane	296	C21H44	000629-94-7	91





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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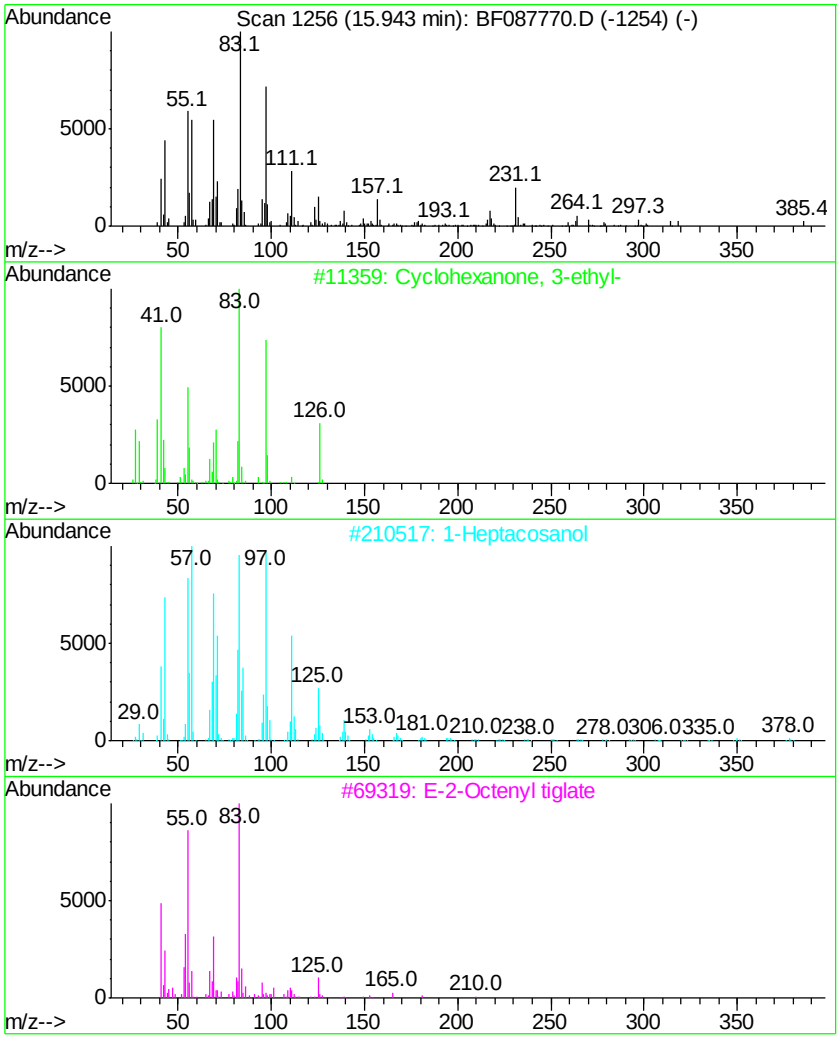
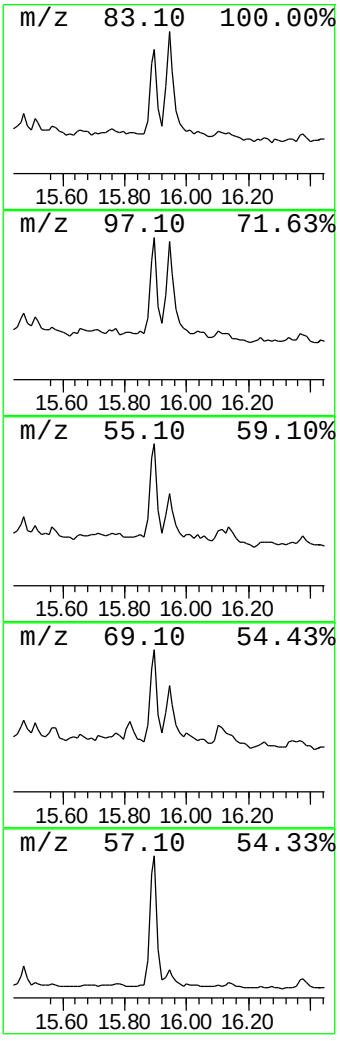
Peak Number 11 unknown15.94 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.94	9.80 ng	228859	Perylene-d12	15.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanone, 3-ethyl-	126	C8H14O	022461-89-8	49
2	1-Heptacosanol	396	C27H56O	002004-39-9	46
3	E-2-Octenyl tiglate	210	C13H22O2	084271-97-6	41
4	Cyclohexanecarboxylic acid, 3,5-...	240	C13H14F2O2	1000293-69-2	38
5	7-Heptadecene, 1-chloro-	272	C17H33Cl	056554-78-0	38





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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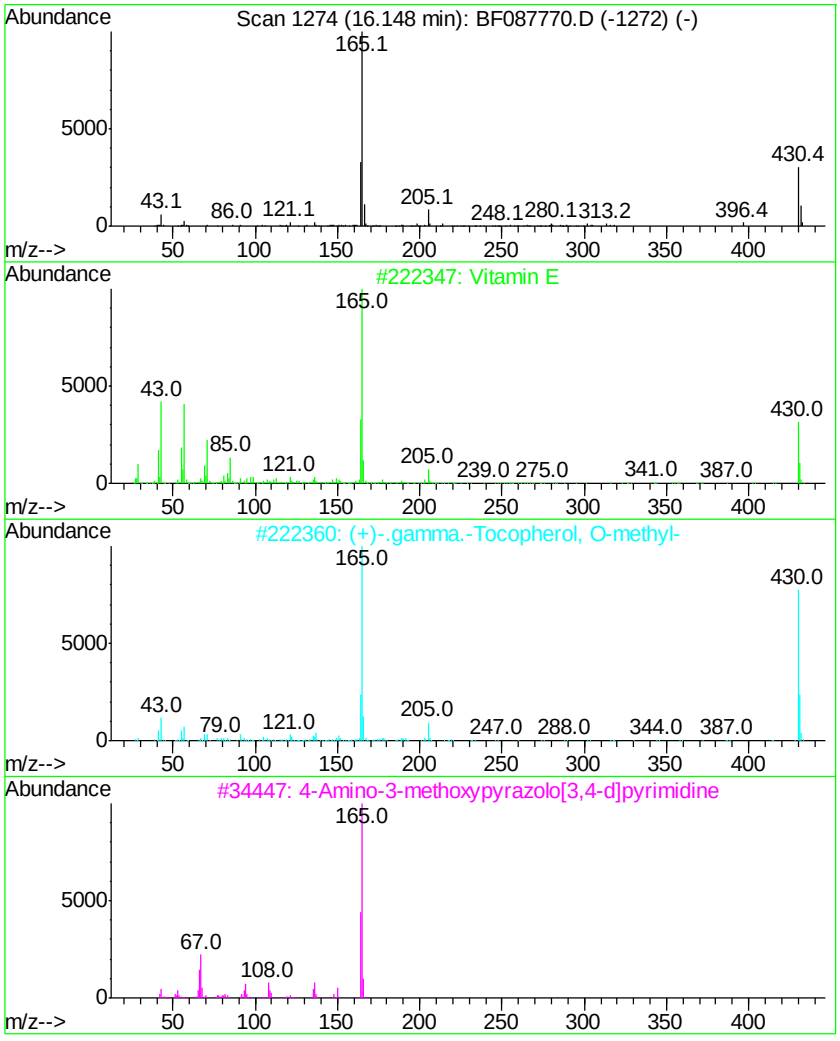
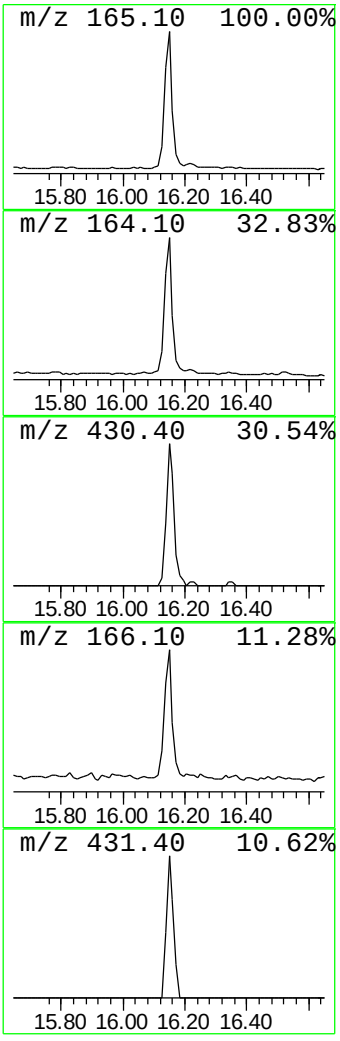
Peak Number 12 Vitamin E Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.15	10.98 ng	256550	Perylene-d12	15.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Vitamin E	430	C29H50O2	000059-02-9	87
2	(+)-.gamma.-Tocopherol, O-methyl-	430	C29H50O2	1000374-72-2	78
3	4-Amino-3-methoxypyrazolo[3,4-d]...	165	C6H7N5O	111375-22-5	42
4	Furo[3,4-c]pyridine-3,4(1H,5H)-d...	165	C8H7NO3	007472-18-6	42
5	1,6-Dimethyl[1,2,4]triazolo[3,4-...	165	C6H7N5O	1000146-89-4	38





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Instrument : BNA_F
ClientSampleId : COMP2

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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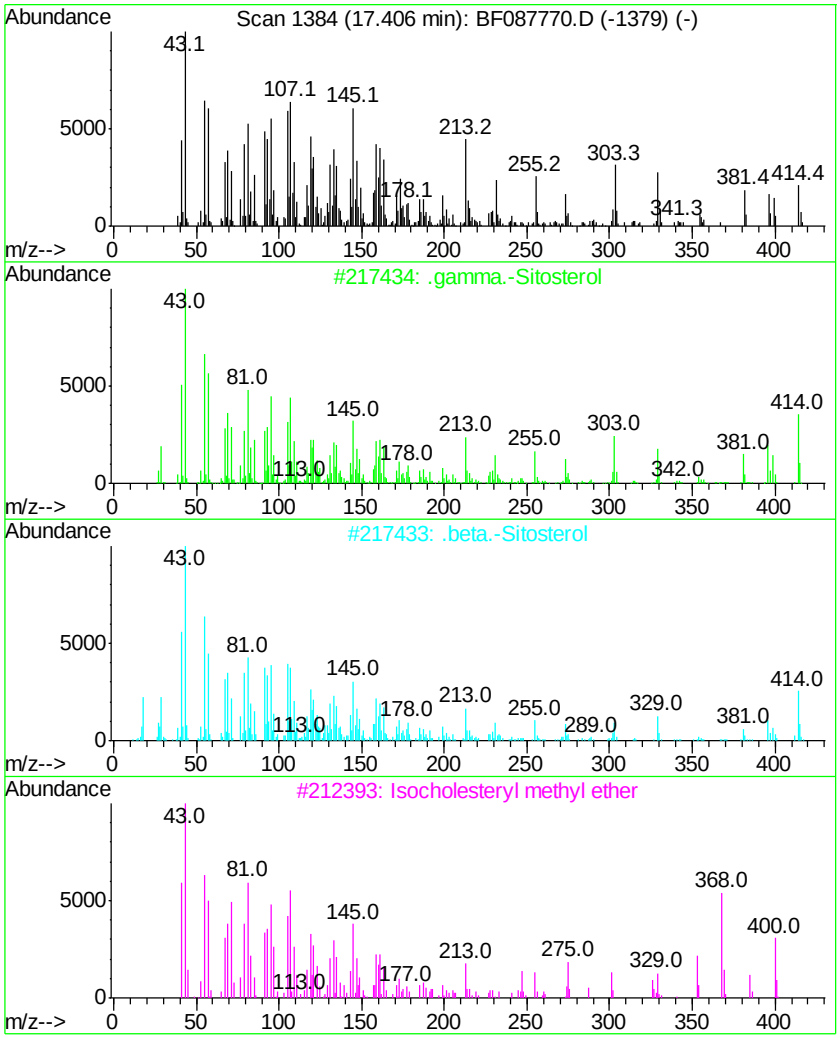
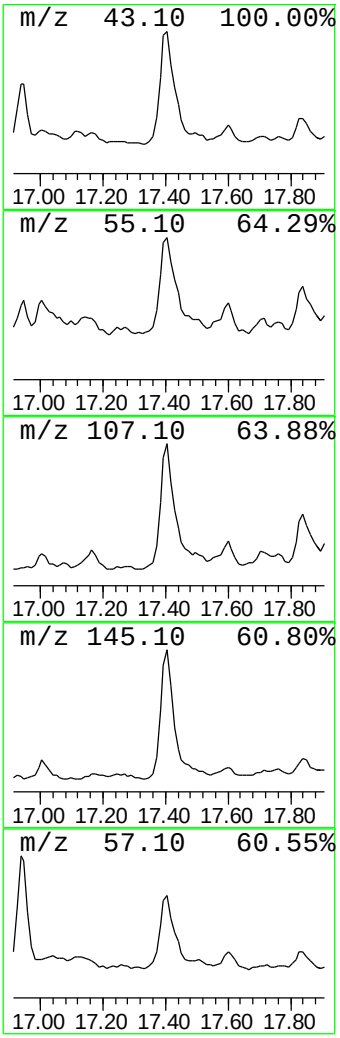
Peak Number 13 .gamma.-Sitosterol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.41	73.62 ng	1719370	Perylene-d12	15.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.gamma.-Sitosterol	414	C29H50O	000083-47-6	99
2	.beta.-Sitosterol	414	C29H50O	000083-46-5	99
3	Isocholesteryl methyl ether	400	C28H48O	029944-53-4	43
4	Campesterol	400	C28H48O	000474-62-4	43
5	Pregn-5-en-3-ol, 21-bromo-20-met...	394	C22H35BrO	055103-80-5	43





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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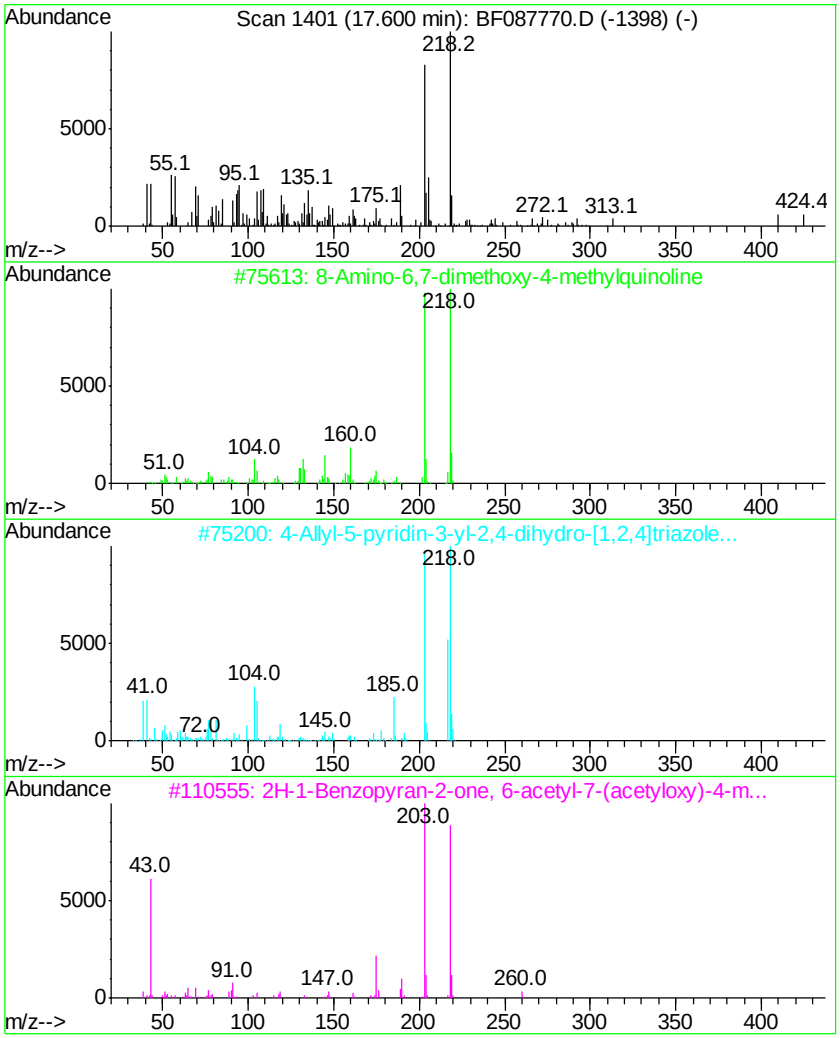
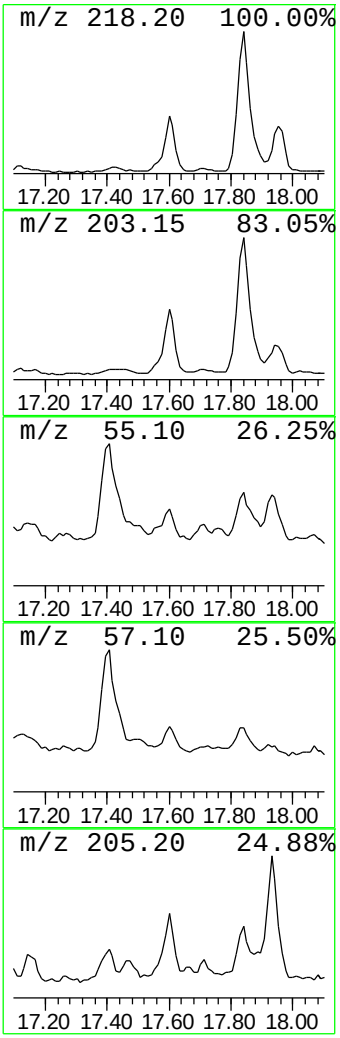
Peak Number 14 unknown17.60 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.60	12.15 ng	283751	Perylene-d12	15.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	8-Amino-6,7-dimethoxy-4-methylqu...	218	C12H14N2O2	1000213-07-2	49
2	4-Allyl-5-pyridin-3-yl-2,4-dihyd...	218	C10H10N4S	1000300-40-5	47
3	2H-1-Benzopyran-2-one, 6-acetyl-...	260	C14H12O5	129812-31-3	47
4	Benzo[b]naphtho[2,3-d]furan	218	C16H10O	000243-42-5	38
5	Benzo[kl]xanthene	218	C16H10O	000200-23-7	27





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Sample : H3365-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP2

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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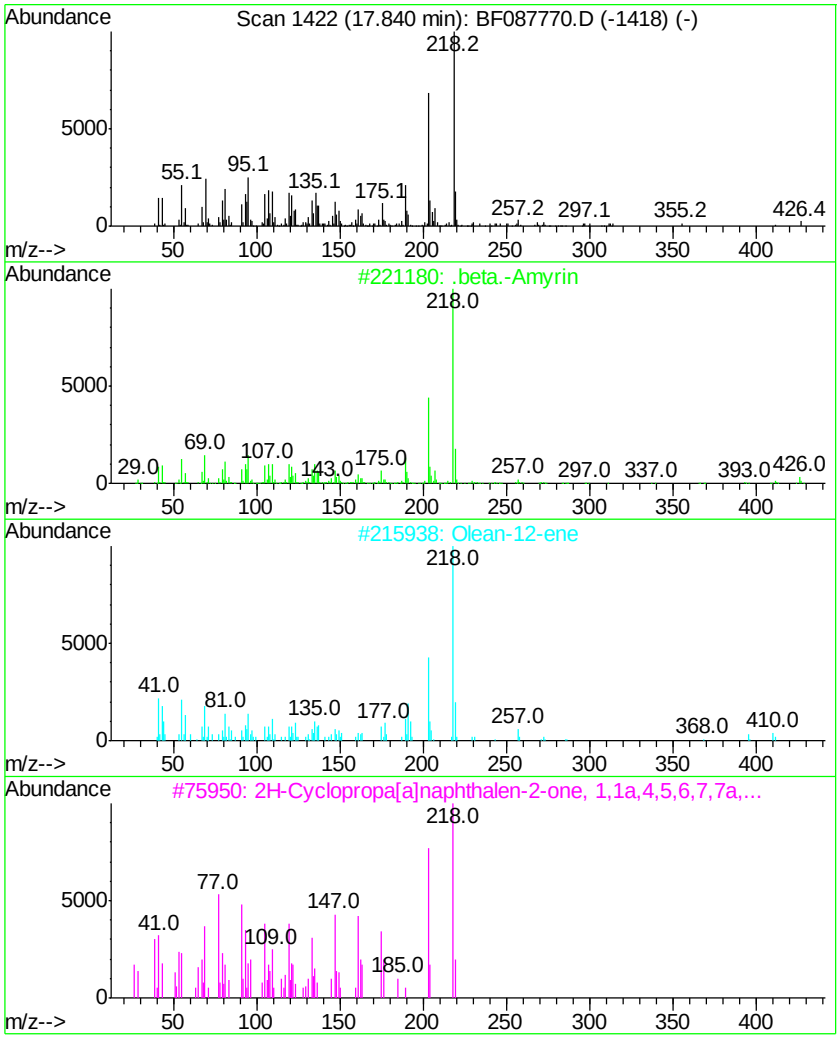
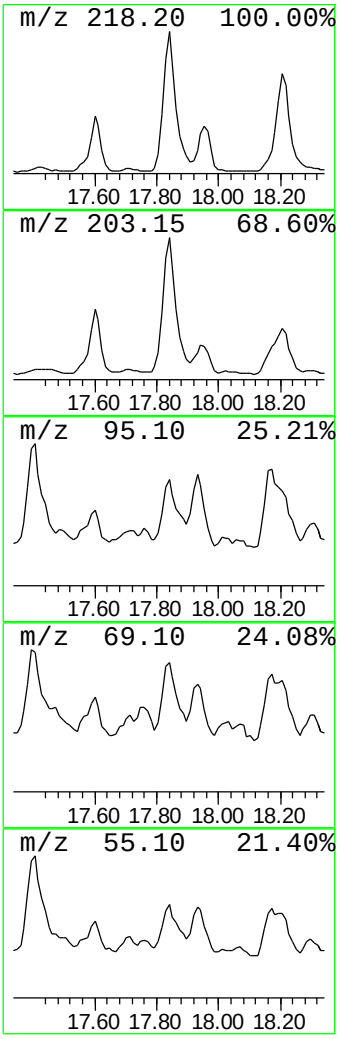
Peak Number 15 .beta.-Amyrin Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.84	32.10 ng	749673	Perylene-d12	15.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-Amyrin	426	C30H50O	000559-70-6	91
2	Olean-12-ene	410	C30H50	000471-68-1	72
3	2H-Cyclopropa[a]naphthalen-2-one...	218	C15H22O	006831-17-0	62
4	3-Methoxy-6,7,8,9-tetrahydro-dib...	218	C13H14O3	1000186-57-9	52
5	.alpha.-Amyrin	426	C30H50O	000638-95-9	47





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Instrument : BNA_F
ClientSampleId : COMP2

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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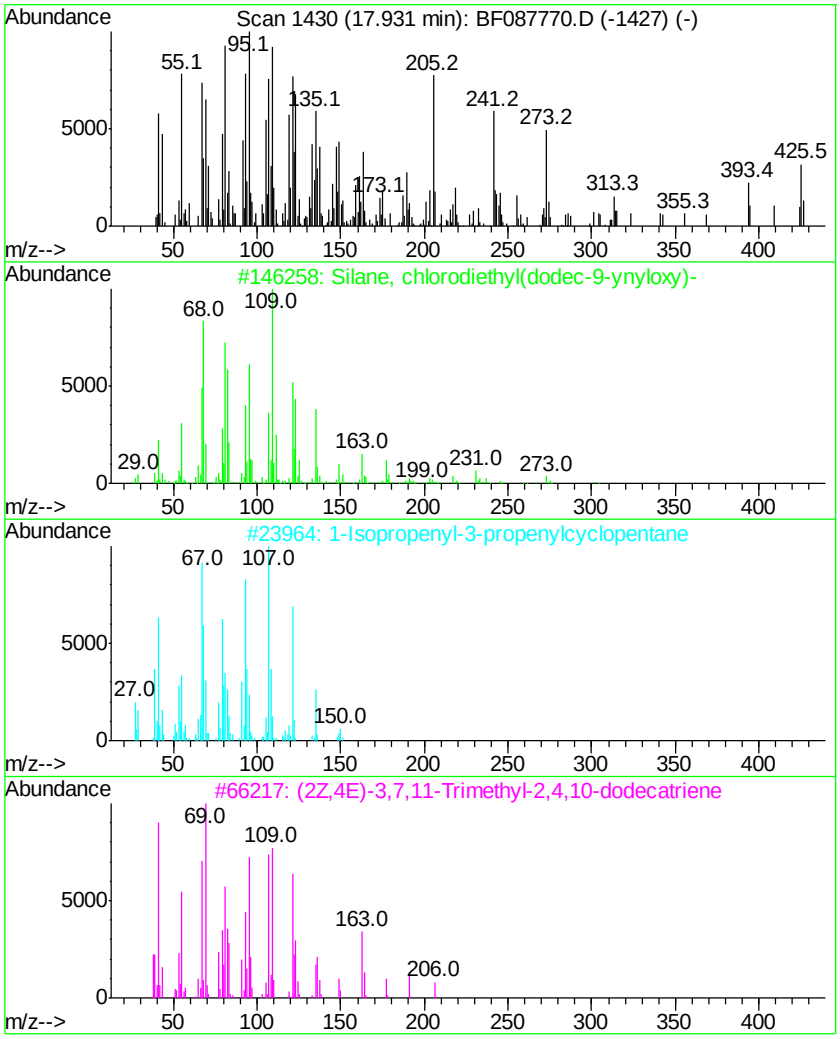
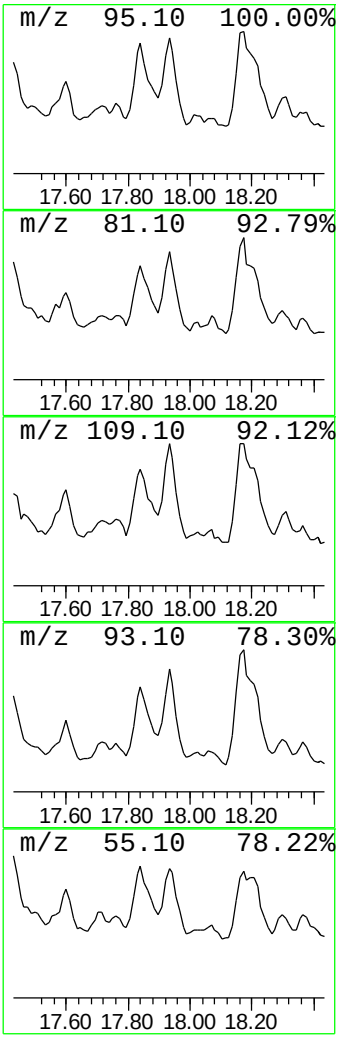
Peak Number 16 unknown17.93 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.93	28.28 ng	660611	Perylene-d12	15.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silane, chlorodiethyl(dodec-9-yn...	302	C16H31ClOSi	1000363-59-2	43
2	1-Isopropenyl-3-propenylcyclopen...	150	C11H18	1000192-81-2	38
3	(2Z,4E)-3,7,11-Trimethyl-2,4,10-...	206	C15H26	172549-29-0	38
4	D:C-Friedoolean-8-en-3-one	424	C30H48O	022611-26-3	27
5	(-)-Neoclovene-(II), dihydro-	206	C15H26	1000152-83-6	27





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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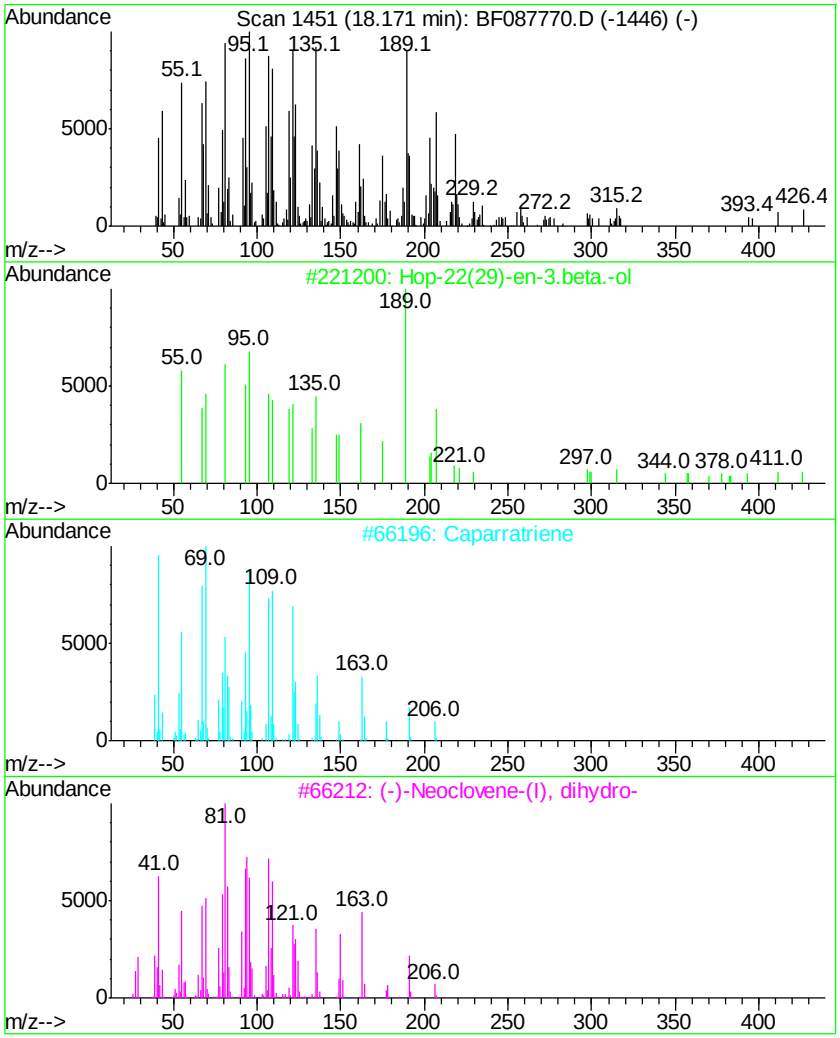
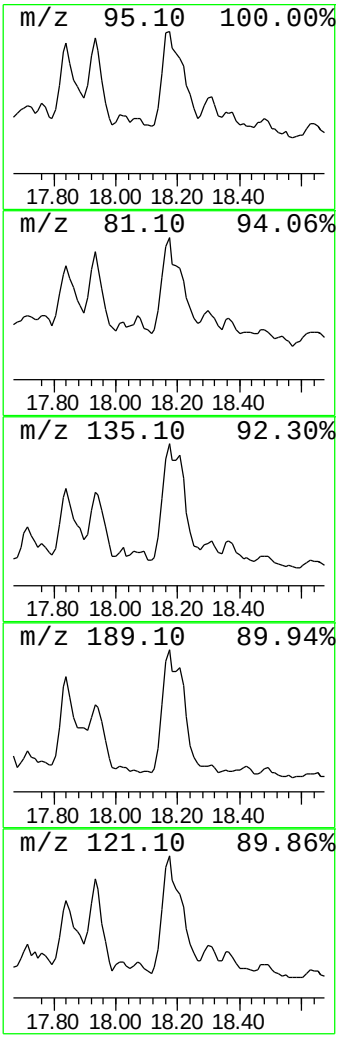
Peak Number 17 Hop-22(29)-en-3.beta.-ol Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.17	25.22 ng	588949	Perylene-d12	15.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hop-22(29)-en-3.beta.-ol	426	C30H50O	058801-23-3	90
2	Caparratriene	206	C15H26	1000374-08-7	50
3	(-)-Neoclovene-(I), dihydro-	206	C15H26	1000152-82-1	50
4	Nootkatone	218	C15H22O	004674-50-4	49
5	2-Isopropenyl-4a,8-dimethyl-1,2,...	204	C15H24	1000193-57-0	47





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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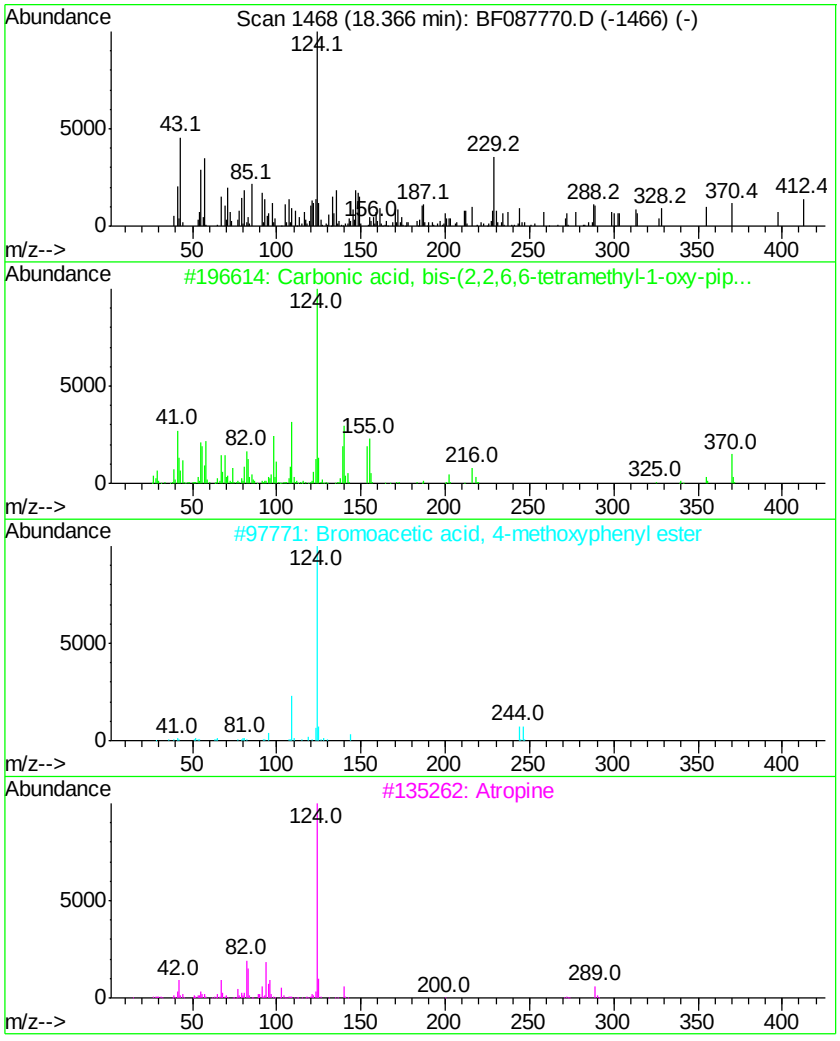
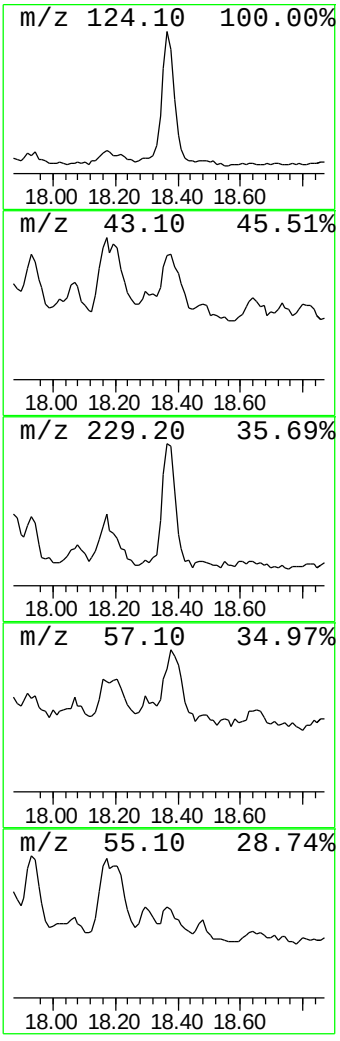
Peak Number 18 unknown18.37 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.37	11.52 ng	268976	Perylene-d12	15.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbonic acid, bis-(2,2,6,6-tetr...	370	C19H34N2O5	1000188-97-0	43
2	Bromoacetic acid, 4-methoxypheny...	244	C9H9BrO3	1000308-04-8	38
3	Atropine	289	C17H23NO3	000051-55-8	38
4	5-Ethylcyclopent-1-enecarboxalde...	124	C8H12O	036431-60-4	38
5	3-(4-Fluoroanilino)-1-(3-nitroph...	288	C15H13FN2O3	350039-84-8	38





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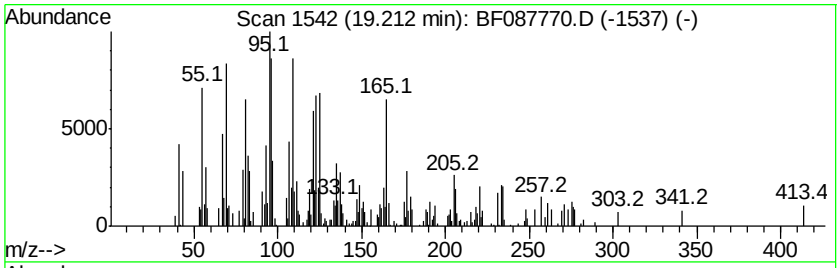
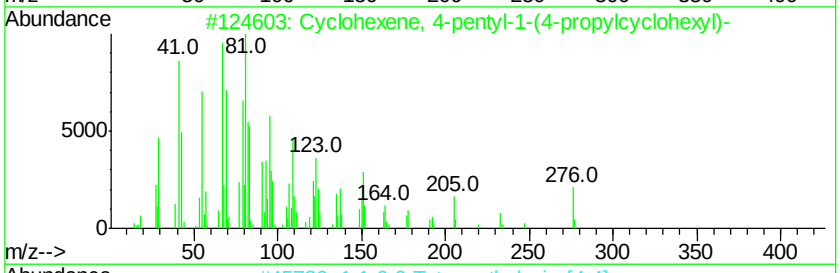
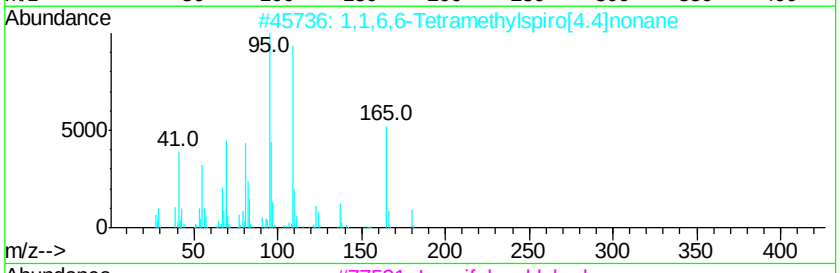
Peak Number 19 unknown19.21 Concentration Rank 12

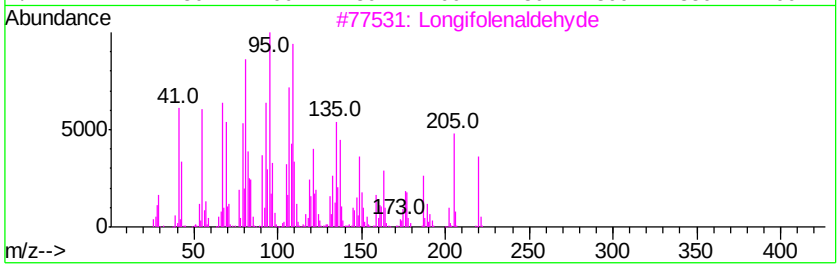
R.T.	EstConc	Area	Relative to ISTD	R.T.
19.21	16.55 ng	386565	Perylene-d12	15.43

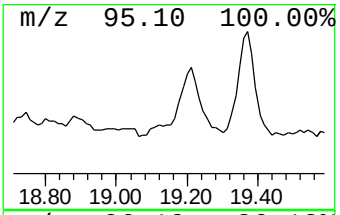
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 4-pentyl-1-(4-propy...	276	C20H36	108067-17-0	46
2	1,1,6,6-Tetramethylspiro[4.4]nonane	180	C13H24	074054-92-5	46
3	Longifolenaldehyde	220	C15H24O	019890-84-7	44
4	2(1H)-Naphthalenone, 4a,5,6,7,8,...	220	C15H24O	017408-66-1	42
5	1,1-Cyclohexanedimethanol	144	C8H16O2	002658-60-8	42

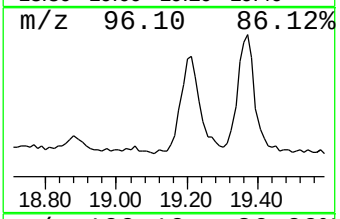


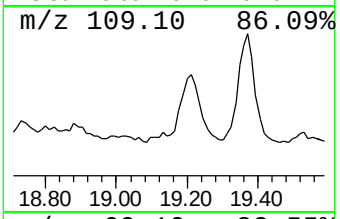


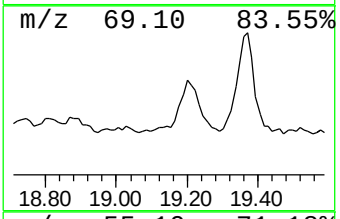


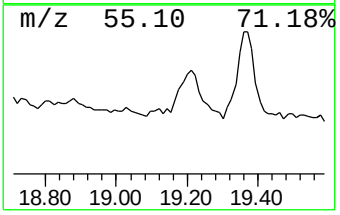












Data Path : Z:\HPCHEM1\BNA F\DATA\BF060616\
Data File : BF087770.D
Acq On : 7 Jun 2016 2:26
Operator : UM/SJ
Sample : H3365-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

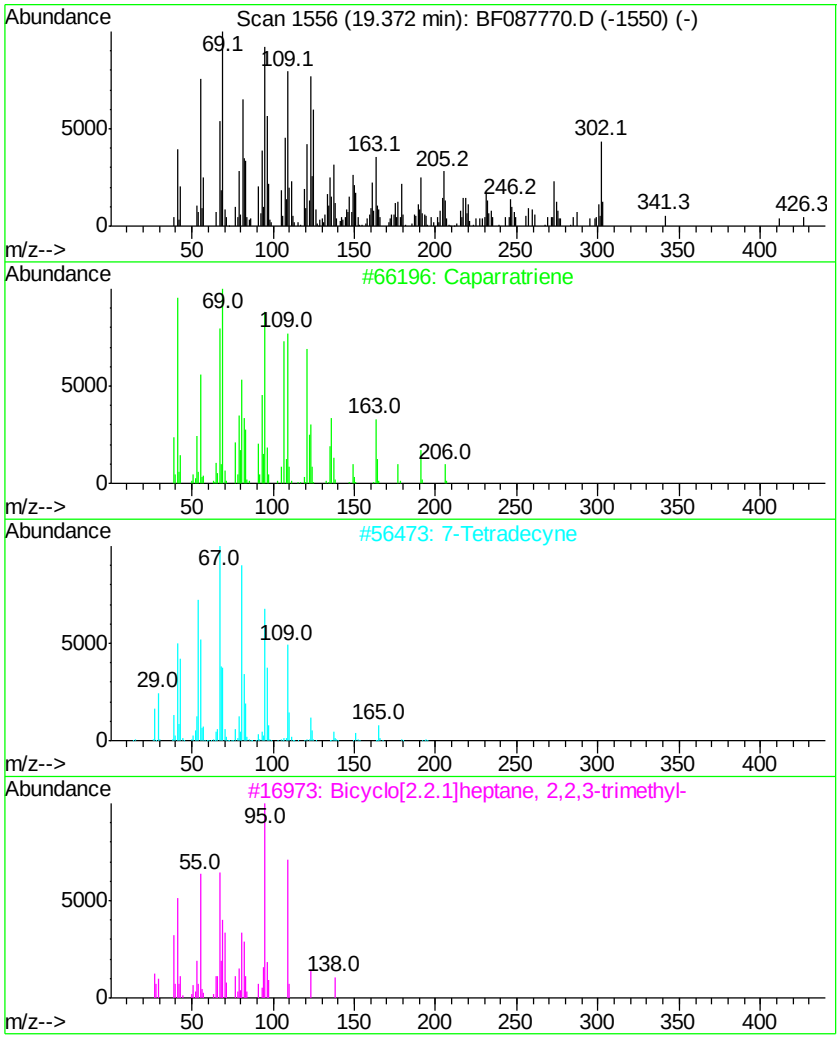
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

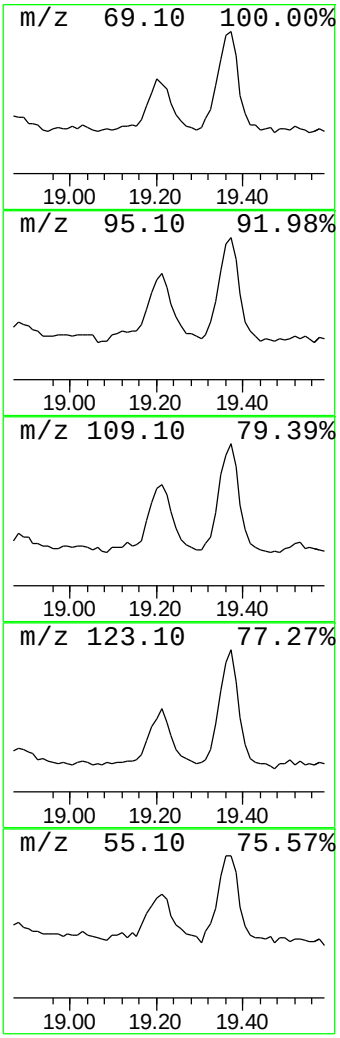
****

Peak Number 20 unknown19.37 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.37	28.26 ng	660096	Perylene-d12	15.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Caparratriene	206	C15H26	1000374-08-7	43
2	7-Tetradecyne	194	C14H26	035216-11-6	38
3	Bicyclo[2.2.1]heptane, 2,2,3-tri...	138	C10H18	000473-19-8	25
4	1-Formyl-2,2-dimethyl-3-trans-(3...	220	C15H24O	1000144-09-7	18
5	4-Hydroxyphenol bis(trifluoroace...	302	C10H4F6O4	034065-73-1	15





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060616\
Data File : BF087770.D
Acq On : 7 Jun 2016 2:26
Operator : UM/SJ
Sample : H3365-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060416.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
unknown1.68	1.68	181.0	ng	6245470	1	6.84	690264	20.0
unknown6.62	6.62	59.4	ng	2048880	1	6.84	690264	20.0
n-Hexadecanoic acid	11.91	11.6	ng	528656	4	11.37	911053	20.0
Phytol	12.53	11.4	ng	518188	4	11.37	911053	20.0
Supraene	14.86	9.3	ng	217756	6	15.43	467123	20.0
Heneicosane	15.11	52.3	ng	1220840	6	15.43	467123	20.0
Pentadecane, 8-he...	15.90	29.2	ng	682579	6	15.43	467123	20.0
unknown15.94	15.94	9.8	ng	228859	6	15.43	467123	20.0
Vitamin E	16.15	11.0	ng	256550	6	15.43	467123	20.0
.gamma.-Sitosterol	17.41	73.6	ng	1719370	6	15.43	467123	20.0
unknown17.60	17.60	12.2	ng	283751	6	15.43	467123	20.0
.beta.-Amyrin	17.84	32.1	ng	749673	6	15.43	467123	20.0
unknown17.93	17.93	28.3	ng	660611	6	15.43	467123	20.0
Hop-22(29)-en-3.b...	18.17	25.2	ng	588949	6	15.43	467123	20.0
unknown18.37	18.37	11.5	ng	268976	6	15.43	467123	20.0
unknown19.21	19.21	16.6	ng	386565	6	15.43	467123	20.0
unknown19.37	19.37	28.3	ng	660096	6	15.43	467123	20.0