LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102215\
Data File : BF082467.D
Acq On : 23 Oct 2015 1:49
Operator : UM/IZ
Sample : G4119-18
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB15-08-22.5-23

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-BF101015.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	4.240	182	184	189	rBV	55983	93396	1.97%	0.157%
2	4.937	241	245	247	rBV	816255	1285545	27.10%	2.158%
3	5.371	281	283	286	rBV	1964553	1910642	40.28%	3.208%
4	6.423	372	375	377	rBV	1535975	1970964	41.55%	3.309%
5	6.537	382	385	387	rBV	2247656	2122602	44.75%	3.564%
6	6.766	402	405	407	rBV	693681	740170	15.60%	1.243%
7	6.914	416	418	421	rBV	1501275	1586578	33.45%	2.664%
8	7.337	452	455	457	rBV	1260368	1267770	26.73%	2.129%
9	7.817	494	497	503	rBV	44448	93467	1.97%	0.157%
10	8.057	515	518	520	rBV	763537	965113	20.35%	1.620%
11	8.777	579	581	586	rVB	87859	78016	1.64%	0.131%
12	9.132	609	612	615	rBV	2300744	2255032	47.54%	3.786%
13	9.280	623	625	631	rVB	138390	128453	2.71%	0.216%
14	9.532	645	647	650	rVB	637062	563801	11.89%	0.947%
15	9.623	651	655	659	rBV	30484	56617	1.19%	0.095%
16	9.806	669	671	674	rVB	911595	1059503	22.34%	1.779%
17	10.606	738	741	743	rBV	1008261	1114142	23.49%	1.871%
18	10.709	749	750	753	rBV	63887	86747	1.83%	0.146%
19	10.801	756	758	760	rBV2	52892	58164	1.23%	0.098%
20	11.166	787	790	795	rVB2	42587	97825	2.06%	0.164%
21	11.292	799	801	803	rBV	680029	910977	19.20%	1.530%
22	11.349	803	806	810	rVB2	63153	101531	2.14%	0.170%
23	11.532	818	822	824	rBV4	30286	57481	1.21%	0.097%
24	11.589	824	827	829	rVB2	81074	104816	2.21%	0.176%
25	11.829	846	848	851	rBV	224130	231601	4.88%	0.389%
26	12.035	864	866	868	rVV2	34817	51543	1.09%	0.087%
27	12.081	868	870	873	rVB4	44430	66292	1.40%	0.111%
28	12.389	894	897	899	rVB	125442	138639	2.92%	0.233%
29	12.526	906	909	914	rBV3	23155	65601	1.38%	0.110%
30	12.618	914	917	920	rVV2	88835	105882	2.23%	0.178%
31	12.755	927	929	934	rVB2	51577	67904	1.43%	0.114%
32	12.824	934	935	938	rBV	58142	52555	1.11%	0.088%
33	12.892	938	941	943	rBV	1490027	1727971	36.43%	2.901%
34	13.121	956	961	963	rBV2	242677	440467	9.29%	0.740%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102215\
Data File : BF082467.D
Acq On : 23 Oct 2015 1:49
Operator : UM/IZ
Sample : G4119-18
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB15-08-22.5-23

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-BF101015.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	13.315	976	978	979	rBV	62908	66370	1.40%	0.111%
36	13.349	979	981	984	rVV4	61543	118498	2.50%	0.199%
37	13.464	987	991	994	rVV	798195	982733	20.72%	1.650%
38	13.578	999	1001	1003	rVV	228349	287909	6.07%	0.483%
39	13.692	1006	1011	1014	rBV3	454058	671381	14.15%	1.127%
40	13.761	1014	1017	1018	rVV2	64160	139344	2.94%	0.234%
41	13.795	1018	1020	1023	rVV	2614225	3124034	65.86%	5.245%
42	13.852	1023	1025	1027	rVV	623790	618601	13.04%	1.039%
43	13.898	1027	1029	1030	rVV	146528	188087	3.97%	0.316%
44	13.921	1030	1031	1033	rVV2	535306	641043	13.51%	1.076%
45	13.955	1033	1034	1037	rVV	890454	776357	16.37%	1.303%
46	14.035	1038	1041	1042	rVV2	114700	174701	3.68%	0.293%
47	14.092	1044	1046	1047	rVV	129994	176547	3.72%	0.296%
48	14.127	1047	1049	1053	rVV	404017	634567	13.38%	1.065%
49	14.184	1053	1054	1058	rVV	48960	53290	1.12%	0.089%
50	14.252	1058	1060	1065	rVB2	213507	364551	7.69%	0.612%
51	14.344	1065	1068	1070	rBV	362396	450200	9.49%	0.756%
52	14.469	1076	1079	1082	rBV	3281708	4743645	100.00%	7.964%
53	14.515	1082	1083	1088	rVB	288619	276798	5.84%	0.465%
54	14.698	1096	1099	1102	rBV	170123	344608	7.26%	0.579%
55	14.767	1102	1105	1106	rVV	233872	370299	7.81%	0.622%
56	14.789	1106	1107	1110	rVB2	253004	354406	7.47%	0.595%
57	14.915	1116	1118	1120	rVB	194257	218344	4.60%	0.367%
58	15.098	1131	1134	1135	rBV	850589	1166689	24.59%	1.959%
59	15.121	1135	1136	1139	rVV	1428216	1906112	40.18%	3.200%
60	15.178	1139	1141	1143	rVB	221997	323161	6.81%	0.543%
61	15.372	1156	1158	1160	rVB	79876	92931	1.96%	0.156%
62	15.430	1160	1163	1167	rBV	516957	860581	18.14%	1.445%
63	15.487	1167	1168	1170	rVV2	110038	154689	3.26%	0.260%
64	15.647	1179	1182	1184	rVB	149826	218715	4.61%	0.367%
65	15.761	1190	1192	1198	rBV3	66449	210912	4.45%	0.354%
66	15.864	1198	1201	1204	rVV	447010	907697	19.14%	1.524%
67	15.921	1204	1206	1209	rVV	601509	1144770	24.13%	1.922%
68	15.978	1209	1211	1219	rVV	441249	906650	19.11%	1.522%
69	16.115	1219	1223	1227	rVV2	142067	370549	7.81%	0.622%
70	16.207	1228	1231	1238	rVB2	76532	180244	3.80%	0.303%
71	16.618	1265	1267	1268	rBV	44125	68896	1.45%	0.116%

LSC Area Percent Report

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Operator : UM/IZ
Sample : G4119-18
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB15-08-22.5-23

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
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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	16.664	1268	1271	1278	rVB2	685909	1280255	26.99%	2.150%
73	16.778	1279	1281	1284	rBV3	47773	102252	2.16%	0.172%
74	16.893	1289	1291	1293	rBV	49681	90055	1.90%	0.151%
75	16.950	1293	1296	1298	rBV	250688	526404	11.10%	0.884%
76	17.064	1303	1306	1315	rVB	310915	1055149	22.24%	1.772%
77	17.361	1328	1332	1333	rBV3	129580	349711	7.37%	0.587%
78	17.407	1333	1336	1345	rVB2	531161	1942998	40.96%	3.262%
79	17.533	1345	1347	1353	rVB3	99301	246222	5.19%	0.413%
80	17.658	1353	1358	1362	rBV	663849	1770211	37.32%	2.972%
81	17.864	1372	1376	1381	rVB4	293083	742947	15.66%	1.247%
82	17.990	1383	1387	1390	rBV3	139564	410292	8.65%	0.689%
83	18.081	1390	1395	1399	rBV3	207591	726064	15.31%	1.219%
84	18.298	1408	1414	1422	rVB6	188534	890630	18.78%	1.495%
85	18.573	1433	1438	1446	rVB	277091	937165	19.76%	1.573%
86	18.721	1447	1451	1455	rVV3	76460	221045	4.66%	0.371%
87	18.813	1455	1459	1465	rVB6	59747	189897	4.00%	0.319%
88	19.053	1476	1480	1483	rBV3	97551	321845	6.78%	0.540%
89	19.281	1494	1500	1506	rVB	504434	1518170	32.00%	2.549%
90	19.418	1508	1512	1518	rVB2	108398	292189	6.16%	0.491%

Sum of corrected areas: 59560217

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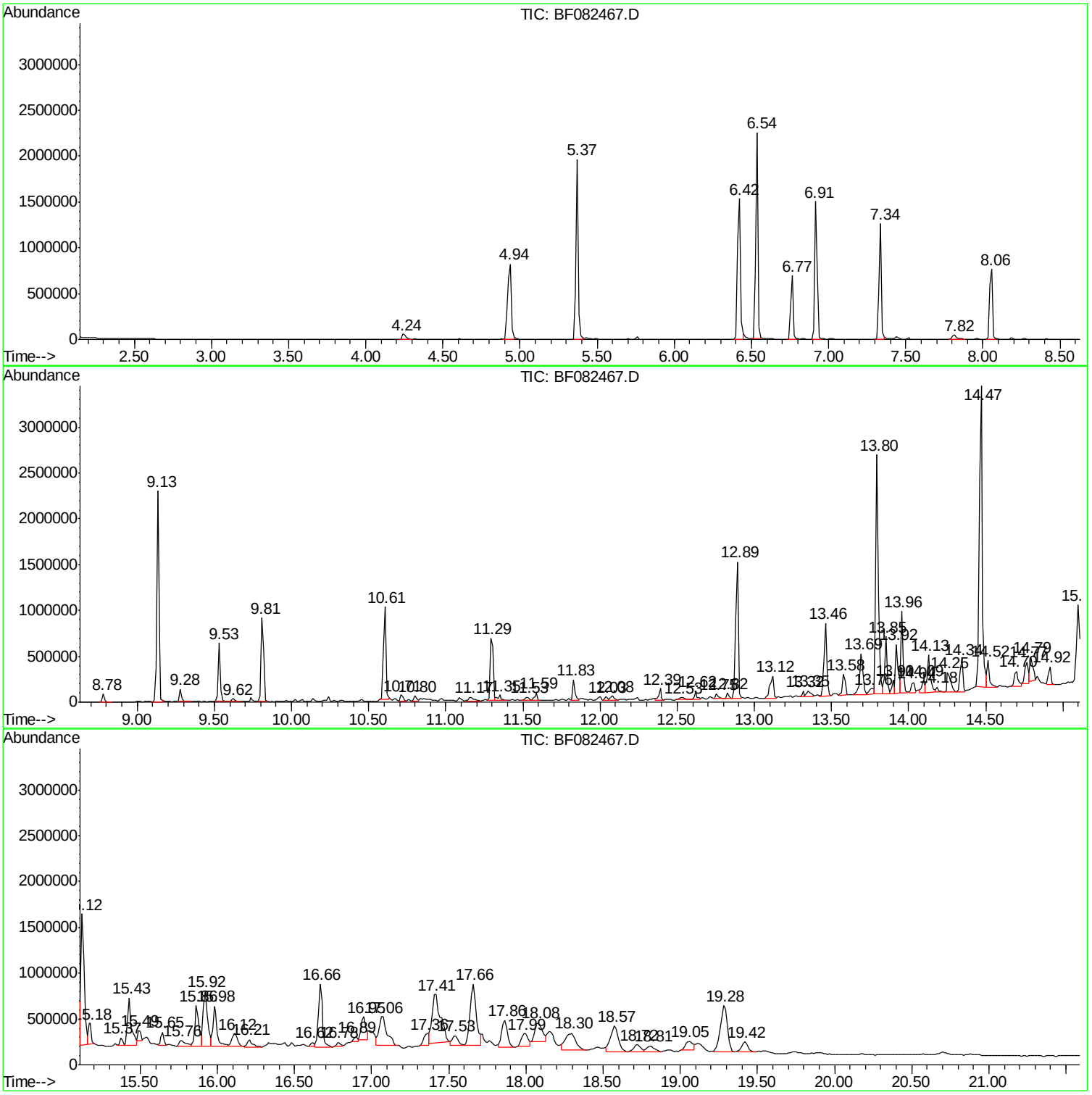
Data File : BF082467.D
Acq On : 23 Oct 2015 1:49
Operator : UM/IZ
Sample : G4119-18
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB15-08-22.5-23

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA F\DATA\BF102215\
Data File : BF082467.D
Acq On : 23 Oct 2015 1:49
Operator : UM/IZ
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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
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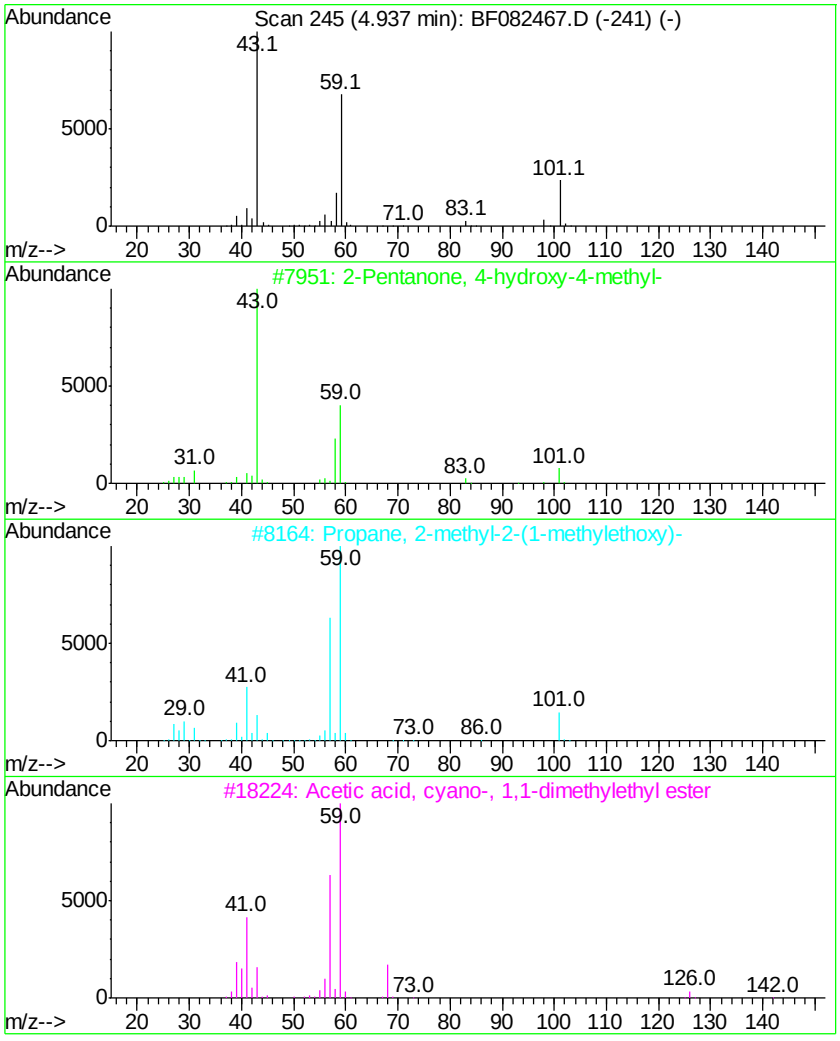
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

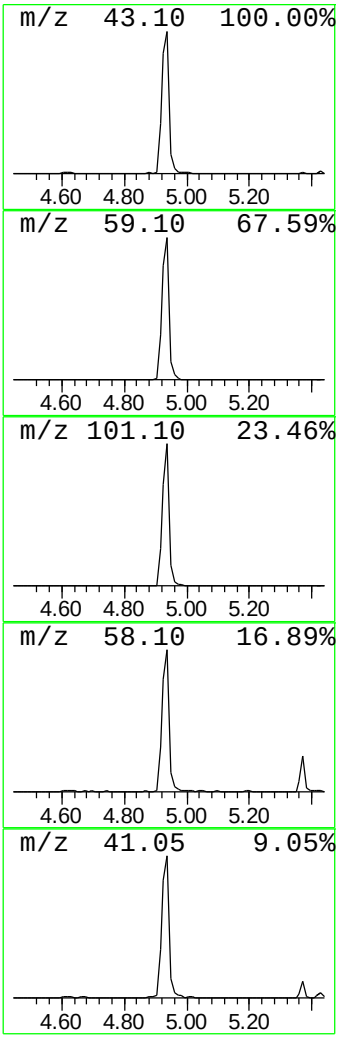
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.94	34.74 ng	1285550	1,4-Dichlorobenzene-d4	6.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	53
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
4	Guanidine	59	CH5N3	000113-00-8	9
5	Acetone	58	C3H6O	000067-64-1	9





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Data File : BF082467.D
Acq On : 23 Oct 2015 1:49
Operator : UM/IZ
Sample : G4119-18
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB15-08-22.5-23

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

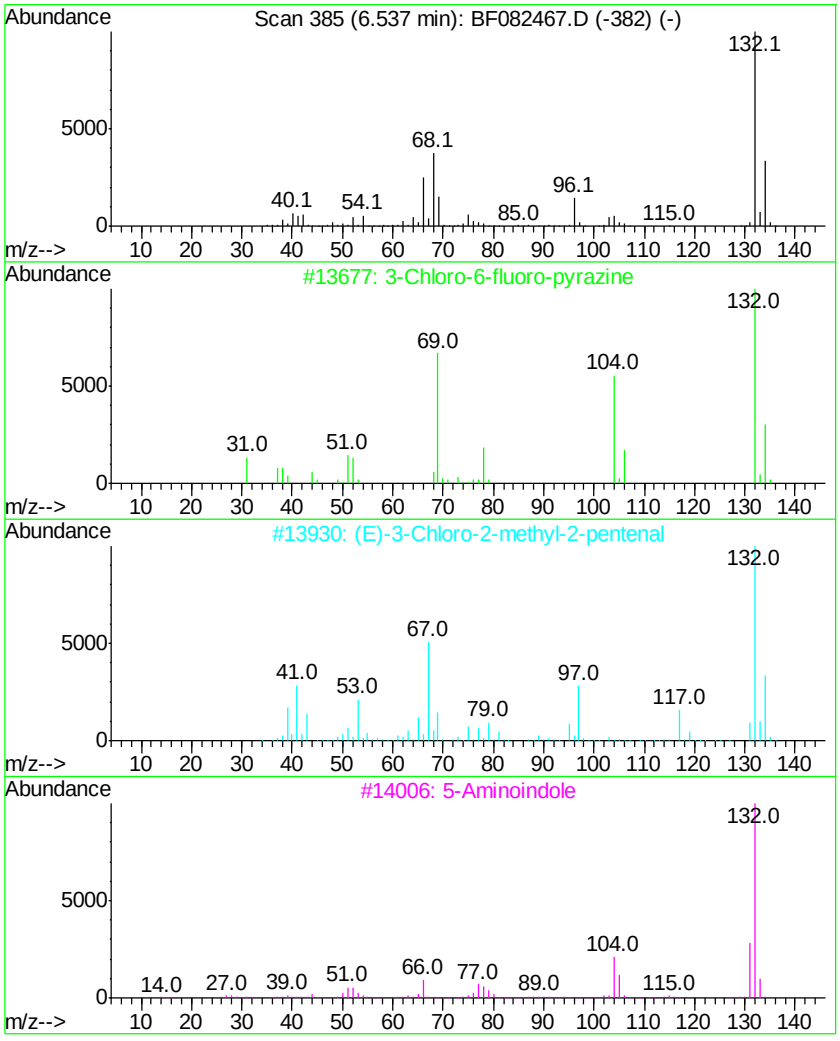
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

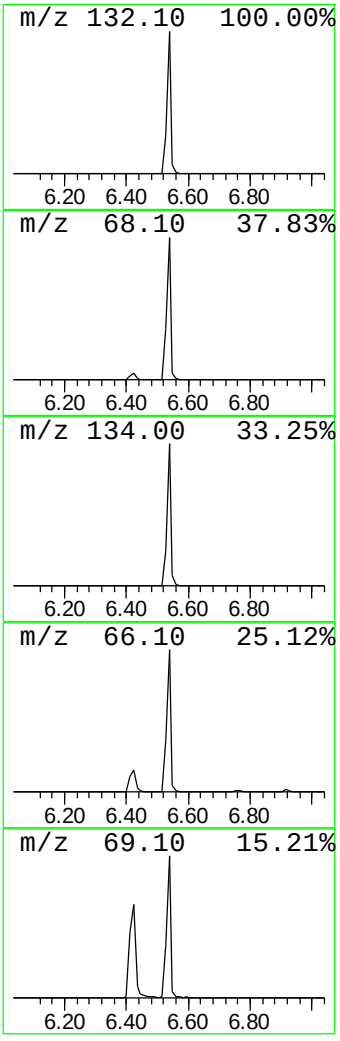
****

Peak Number 2 unknown6.54 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.54	57.35 ng	2122600	1,4-Dichlorobenzene-d4	6.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9





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ClientSampleId : SB15-08-22.5-23

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

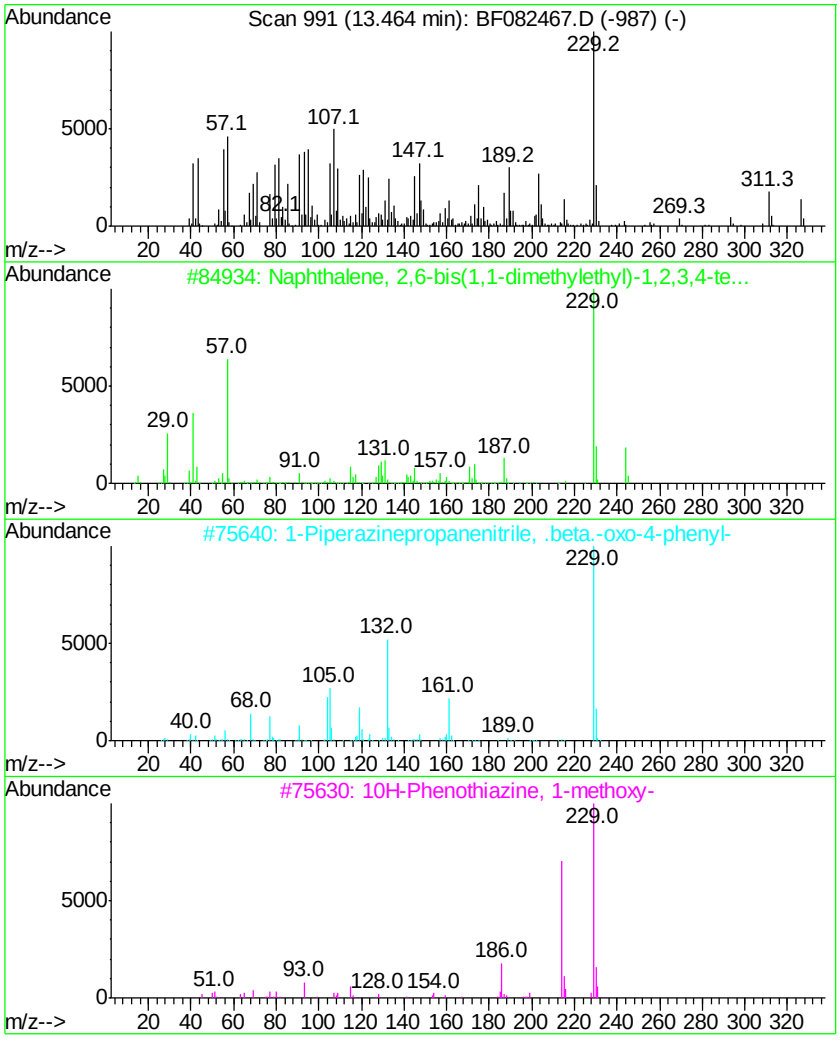
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

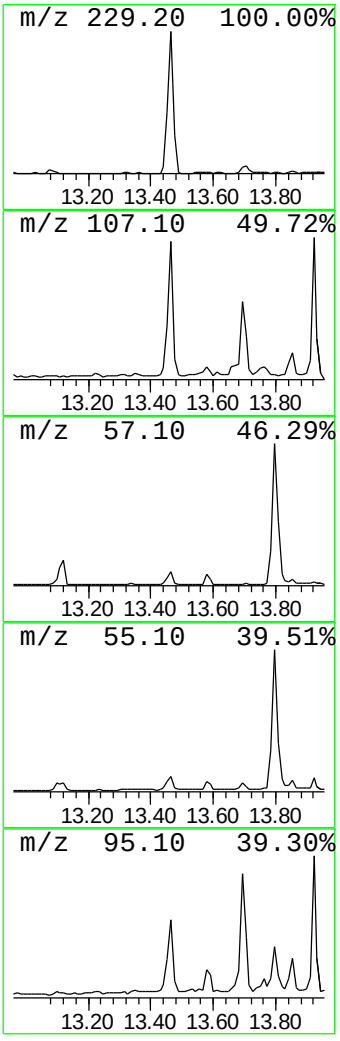
****

Peak Number 4 unknown13.46 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.46	25.32 ng	982733	Chrysene-d12	13.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-bis(1,1-dimethy...	244	C18H28	042981-76-0	25
2	1-Piperazinepropanenitrile, .bet...	229	C13H15N3O	014761-40-1	25
3	10H-Phenothiazine, 1-methoxy-	229	C13H11NOS	001576-70-1	22
4	Benzimidazole-5-amine, 1-methyl-...	229	C12H11N3S	021444-73-5	22
5	Benzo(a)acridine	229	C17H11N	000225-11-6	22





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Data File : BF082467.D
Acq On : 23 Oct 2015 1:49
Operator : UM/IZ
Sample : G4119-18
Misc :
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Instrument : BNA_F
ClientSampleId : SB15-08-22.5-23

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

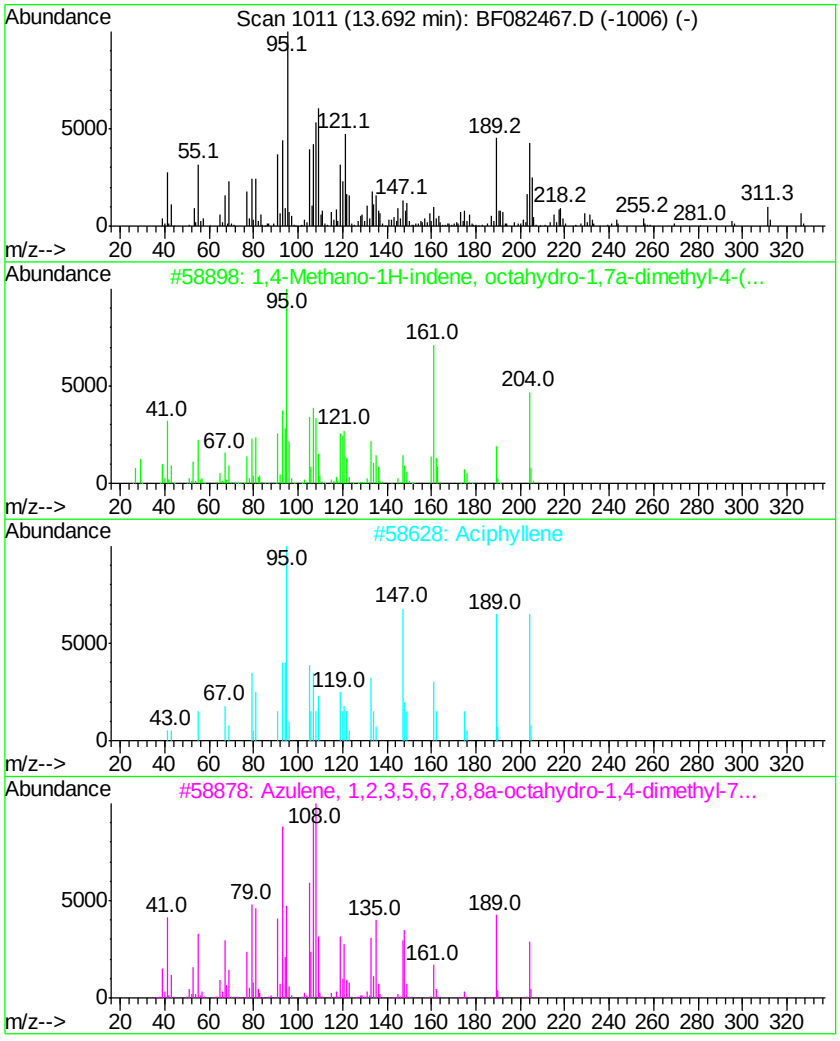
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

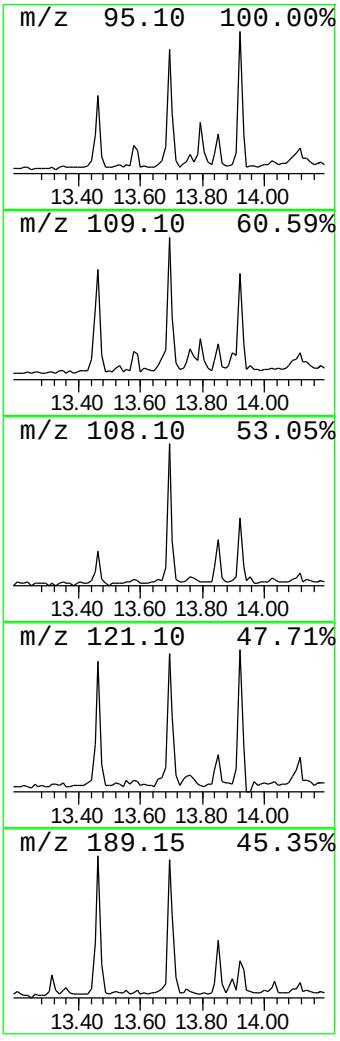
****

Peak Number 5 1,4-Methano-1H-indene, octa... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.69	17.30 ng	671381	Chrysene-d12	13.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Methano-1H-indene, octahydro...	204	C15H24	087064-18-4	64
2	Aciphyllene	204	C15H24	087745-31-1	27
3	Azulene, 1,2,3,5,6,7,8,8a-octahy...	204	C15H24	003691-11-0	25
4	(2R,4R)-p-Mentha-6,8-diene, 2-hy...	168	C10H16O2	1000292-74-2	22
5	4-(1,3,3-Trimethyl-bicyclo[4.1.0...	206	C14H22O	077143-31-8	15





Data Path : Z:\HPCHEM1\BNA F\DATA\BF102215\
Data File : BF082467.D
Acq On : 23 Oct 2015 1:49
Operator : UM/IZ
Sample : G4119-18
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB15-08-22.5-23

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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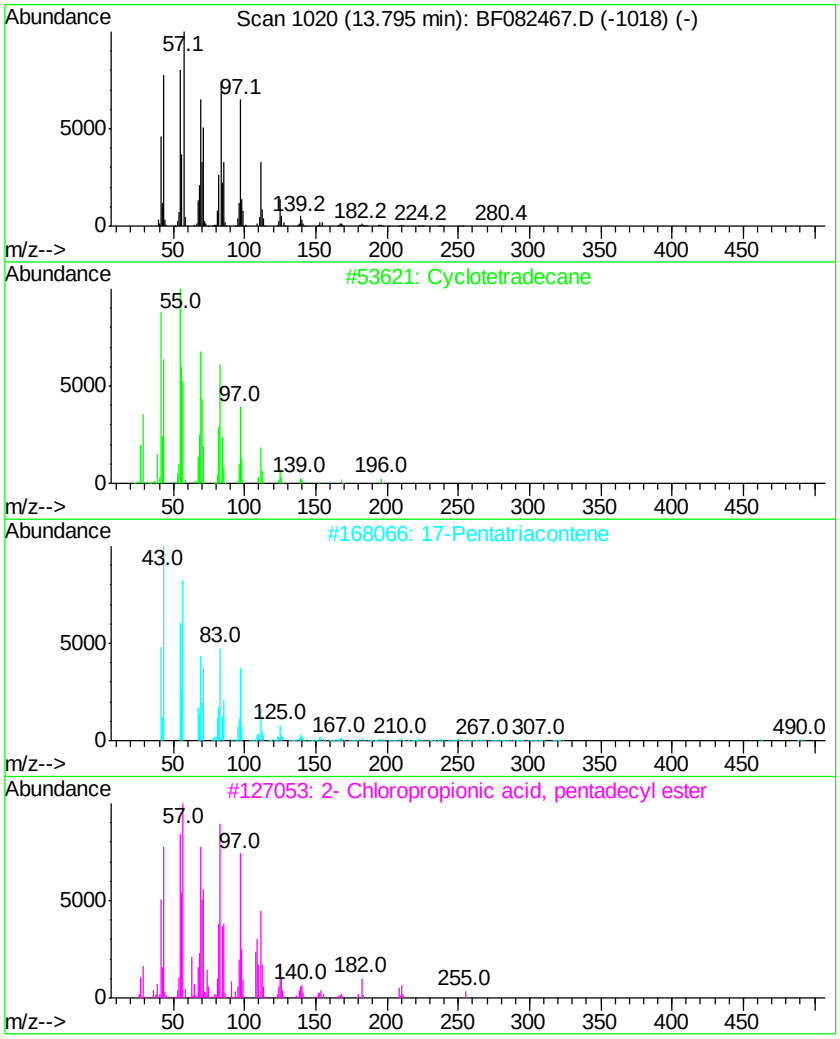
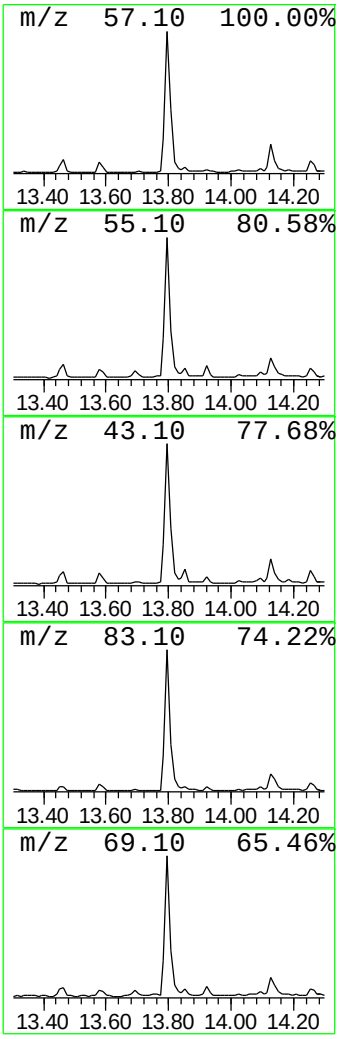
Peak Number 6 Cyclotetradecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.80	80.48 ng	3124030	Chrysene-d12	13.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetradecane	196	C14H28	000295-17-0	96
2	17-Pentatriacontene	491	C35H70	006971-40-0	91
3	2- Chloropropionic acid, pentade...	318	C18H35ClO2	1000292-44-1	91
4	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	91
5	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	1000283-04-2	87





Data Path : Z:\HPCHEM1\BNA F\DATA\BF102215\
Data File : BF082467.D
Acq On : 23 Oct 2015 1:49
Operator : UM/IZ
Sample : G4119-18
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB15-08-22.5-23

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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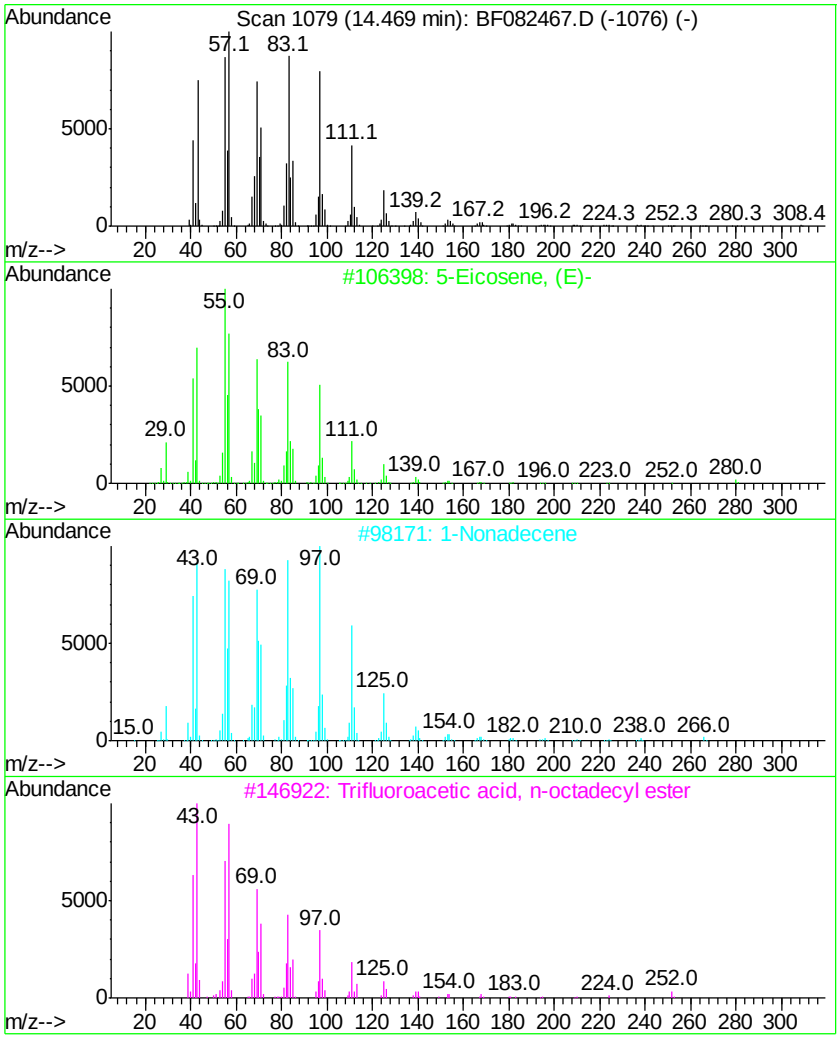
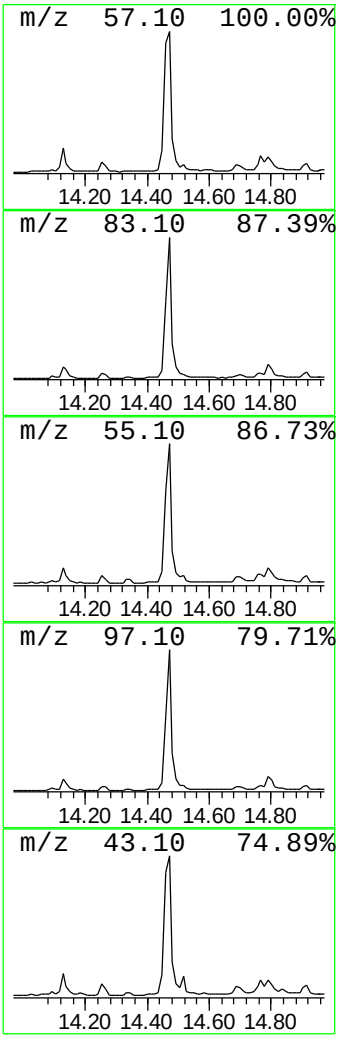
Peak Number 7 5-Eicosene, (E)- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.47	122.20 ng	4743650	Chrysene-d12	13.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	97
2	1-Nonadecene	266	C19H38	018435-45-5	91
3	Trifluoroacetic acid, n-octadecv...	366	C20H37F3O2	079392-43-1	91
4	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	90
5	2- Chloropropionic acid, hexadec...	332	C19H37ClO2	086711-81-1	90





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Acq On : 23 Oct 2015 1:49
Operator : UM/IZ
Sample : G4119-18
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB15-08-22.5-23

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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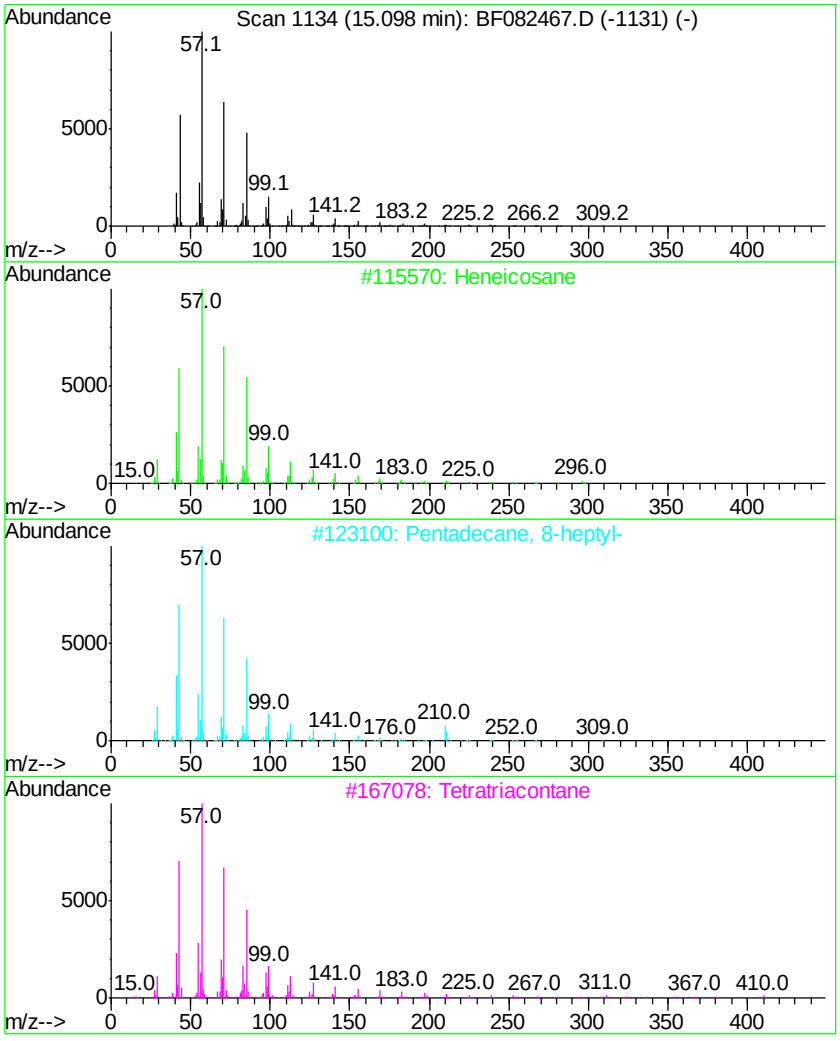
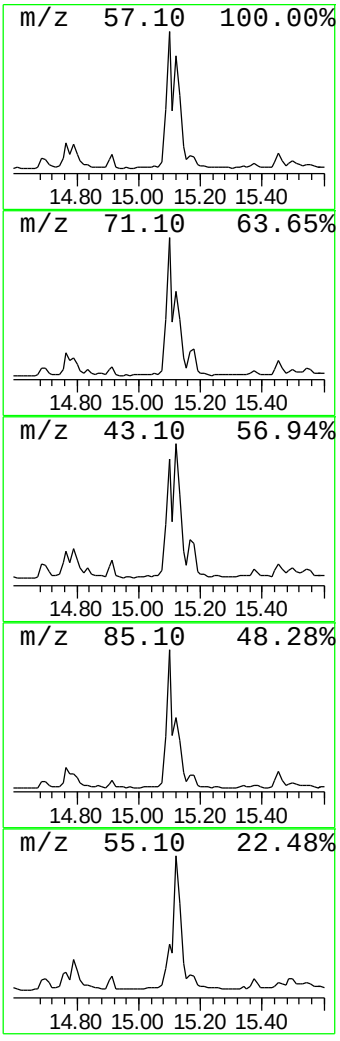
Peak Number 8 Heneicosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.10	27.11 ng	1166690	Perylene-d12	15.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91
3	Tetratriacontane	479	C34H70	014167-59-0	87
4	Hexadecane	226	C16H34	000544-76-3	87
5	Tetratetracontane	619	C44H90	007098-22-8	83





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ClientSampleId : SB15-08-22.5-23

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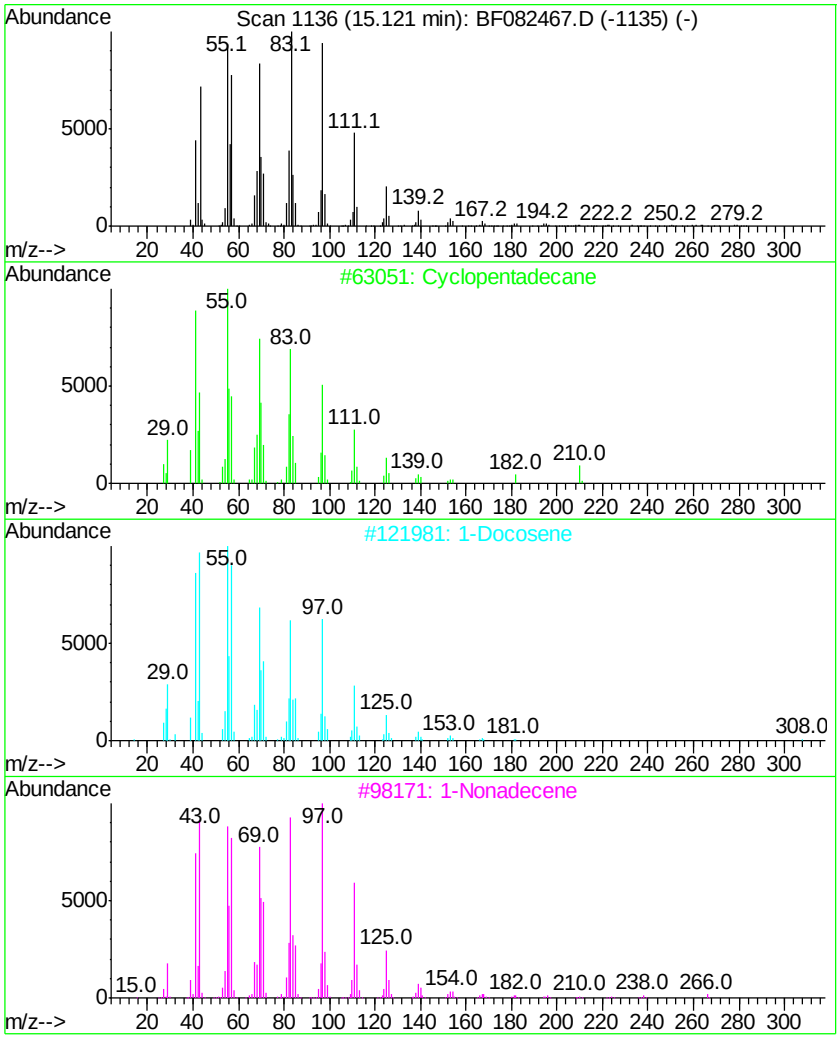
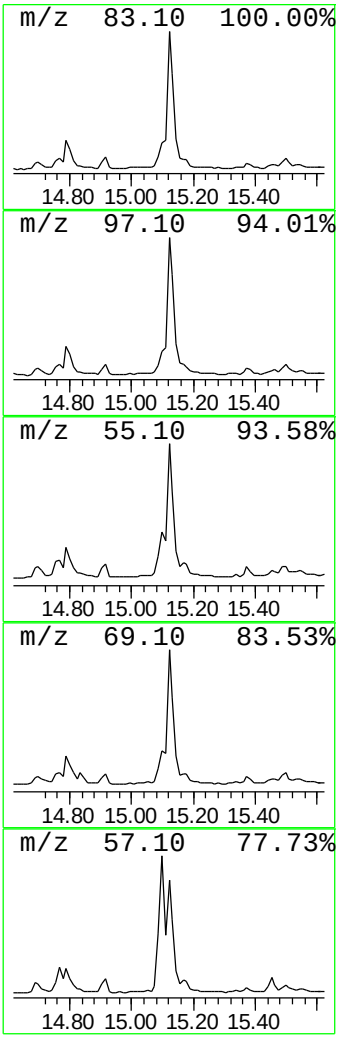
Peak Number 9 Cyclopentadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.12	44.30 ng	1906110	Perylene-d12	15.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentadecane	210	C15H30	000295-48-7	80
2	1-Docosene	308	C22H44	001599-67-3	68
3	1-Nonadecene	266	C19H38	018435-45-5	52
4	Cyclohexane, 1,2,4,5-tetraethyl-...	196	C14H28	061142-24-3	45
5	Cyclopentane, 1-ethyl-3-methyl-,...	112	C8H16	002613-66-3	41





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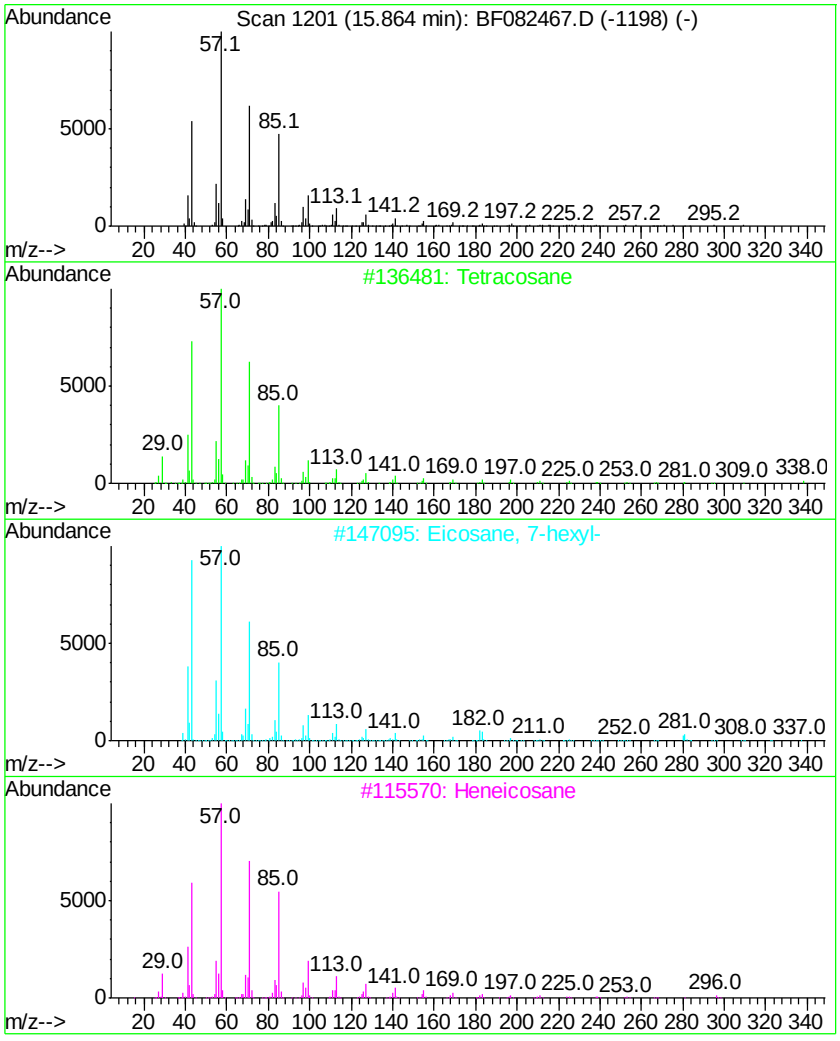
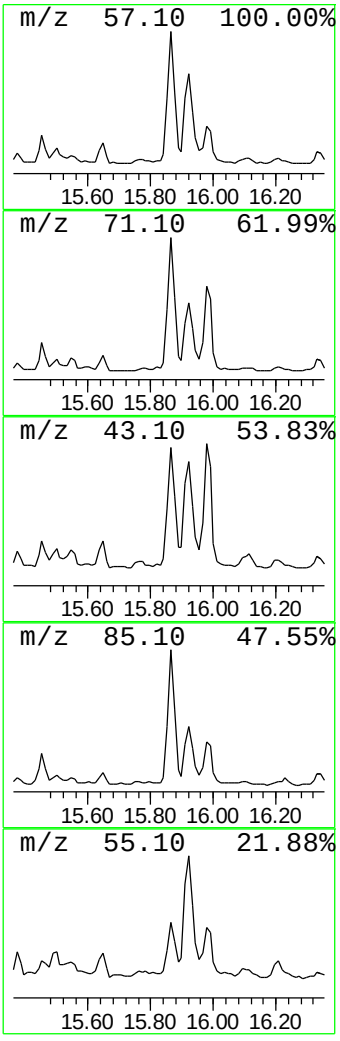
Peak Number 10 Tetracosane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.86	21.10 ng	907697	Perylene-d12	15.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	91
2	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Hexatriacontane	507	C36H74	000630-06-8	91
5	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91





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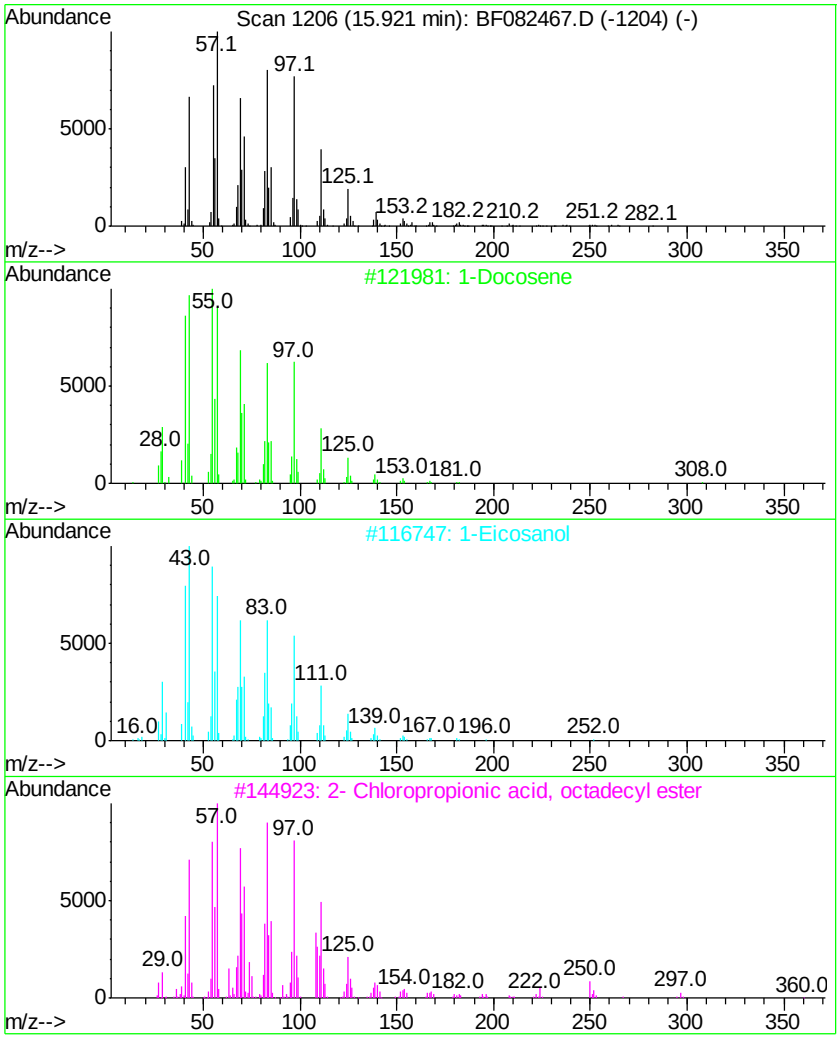
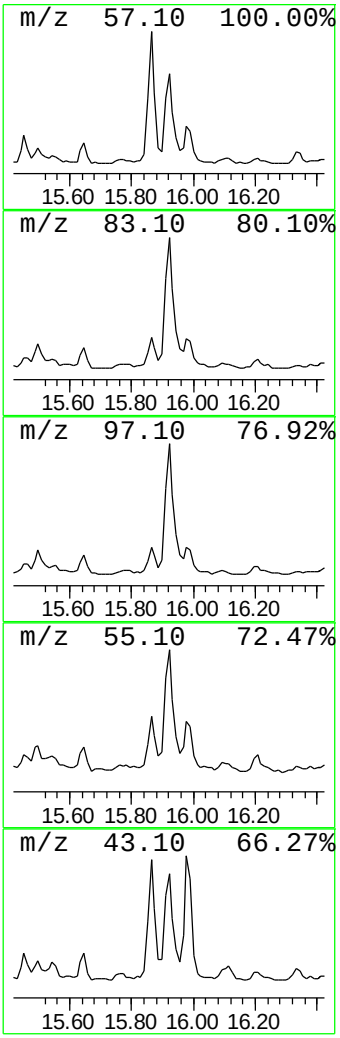
Peak Number 11 1-Docosene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.92	26.60 ng	1144770	Perylene-d12	15.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	90
2	1-Eicosanol	298	C20H42O	000629-96-9	83
3	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	74
4	5-Eicosene, (E)-	280	C20H40	074685-30-6	72
5	Trifluoroacetic acid, n-octadecy...	366	C20H37F3O2	079392-43-1	64





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TIC Library : C:\DATABASE\NIST02.L
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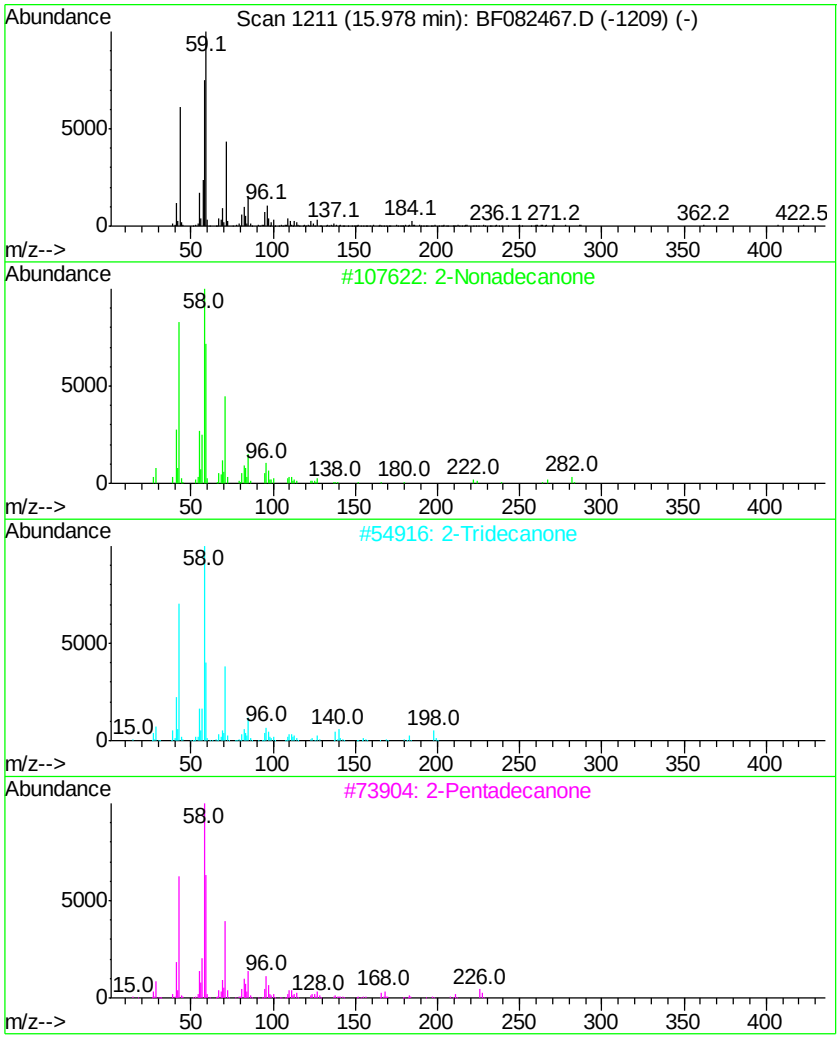
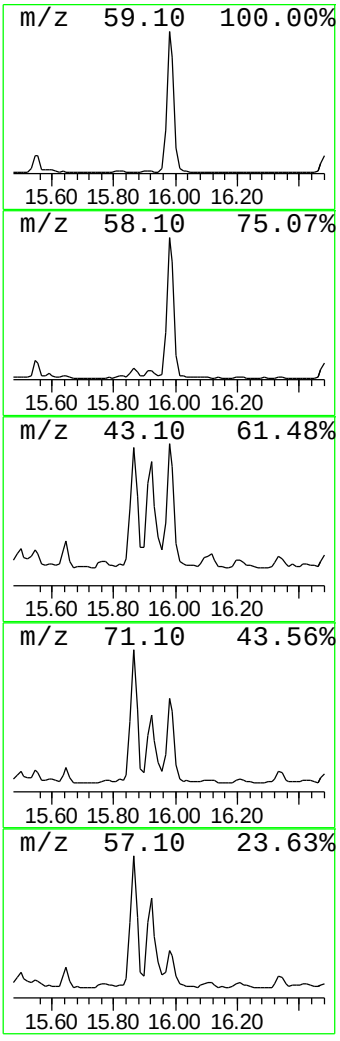
Peak Number 12 2-Nonadecanone Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.98	21.07 ng	906650	Perylene-d12	15.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Nonadecanone	282	C19H38O	000629-66-3	59
2	2-Tridecanone	198	C13H26O	000593-08-8	53
3	2-Pentadecanone	226	C15H30O	002345-28-0	53
4	2-Tetradecanone	212	C14H28O	002345-27-9	47
5	Undecanal, 2-methyl-	184	C12H24O	000110-41-8	47





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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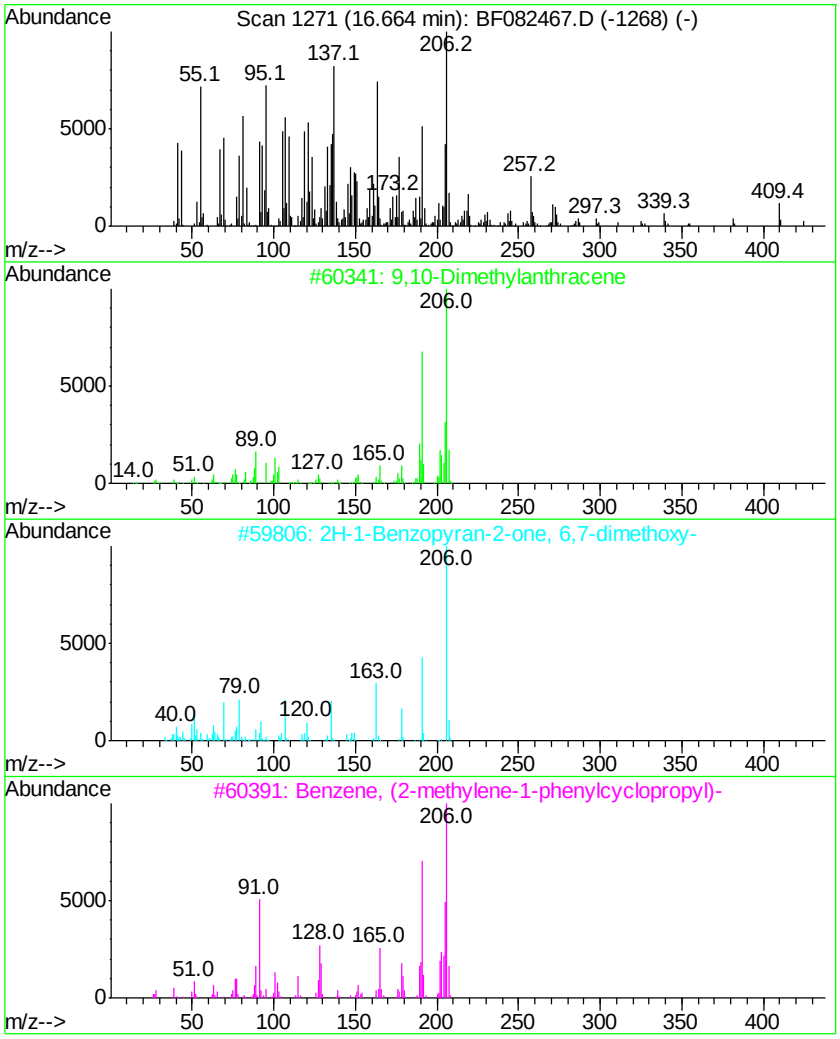
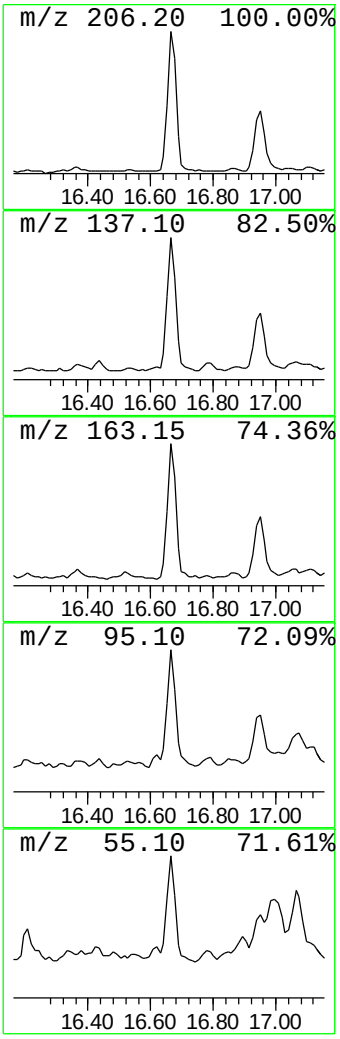
Peak Number 13 unknown16.66 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.66	29.75 ng	1280260	Perylene-d12	15.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	43
2	2H-1-Benzopyran-2-one, 6,7-dimet...	206	C11H10O4	000120-08-1	38
3	Benzene, (2-methylene-1-phenylcy...	206	C16H14	025152-47-0	35
4	1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	25
5	2H,6H-Pyrido[2,1-b]-1,3-thiazine...	206	C10H10N2OS	1000277-29-6	25





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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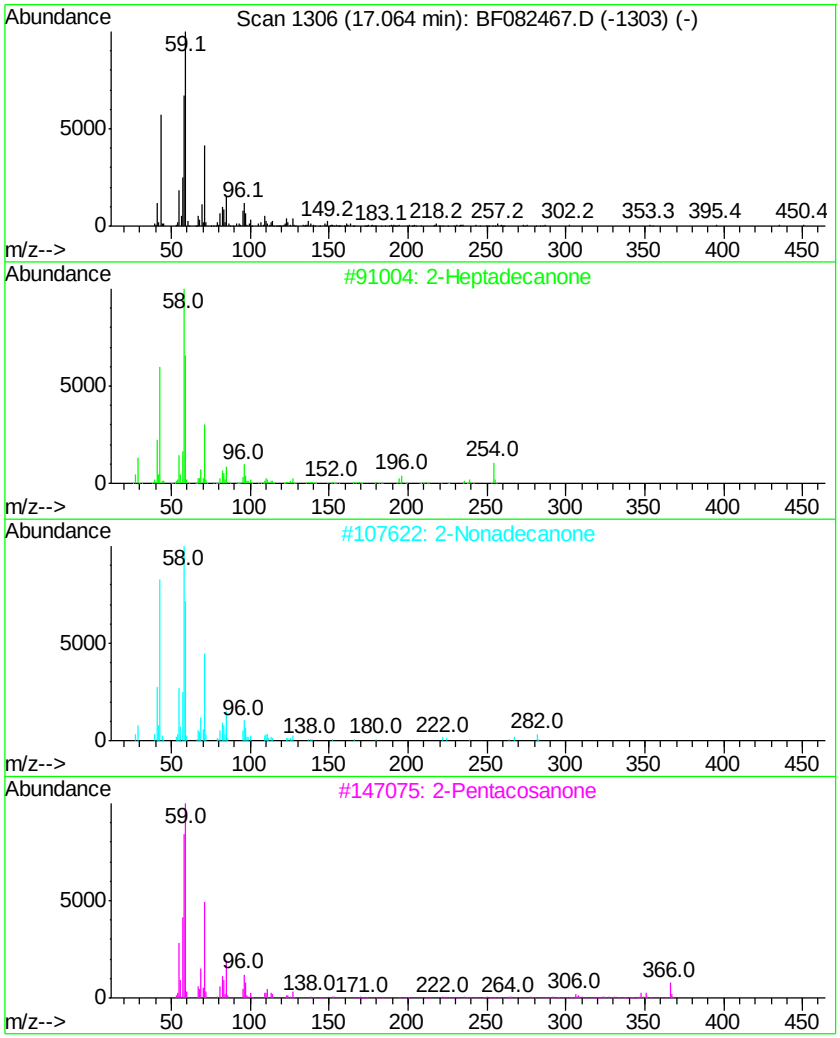
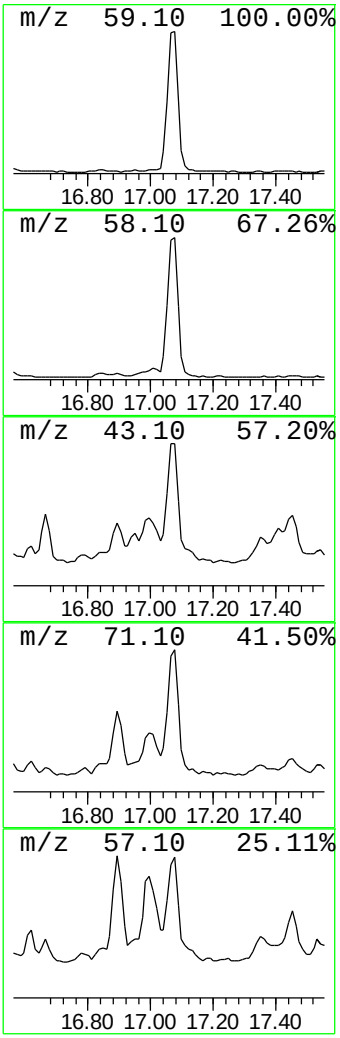
Peak Number 14 2-Heptadecanone Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.06	24.52 ng	1055150	Perylene-d12	15.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Heptadecanone	254	C17H34O	002922-51-2	59
2	2-Nonadecanone	282	C19H38O	000629-66-3	59
3	2-Pentacosanone	366	C25H50O	075207-54-4	50
4	Octanal, 7-hydroxy-3,7-dimethyl-	172	C10H20O2	000107-75-5	40
5	2-Tetradecanone	212	C14H28O	002345-27-9	38





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

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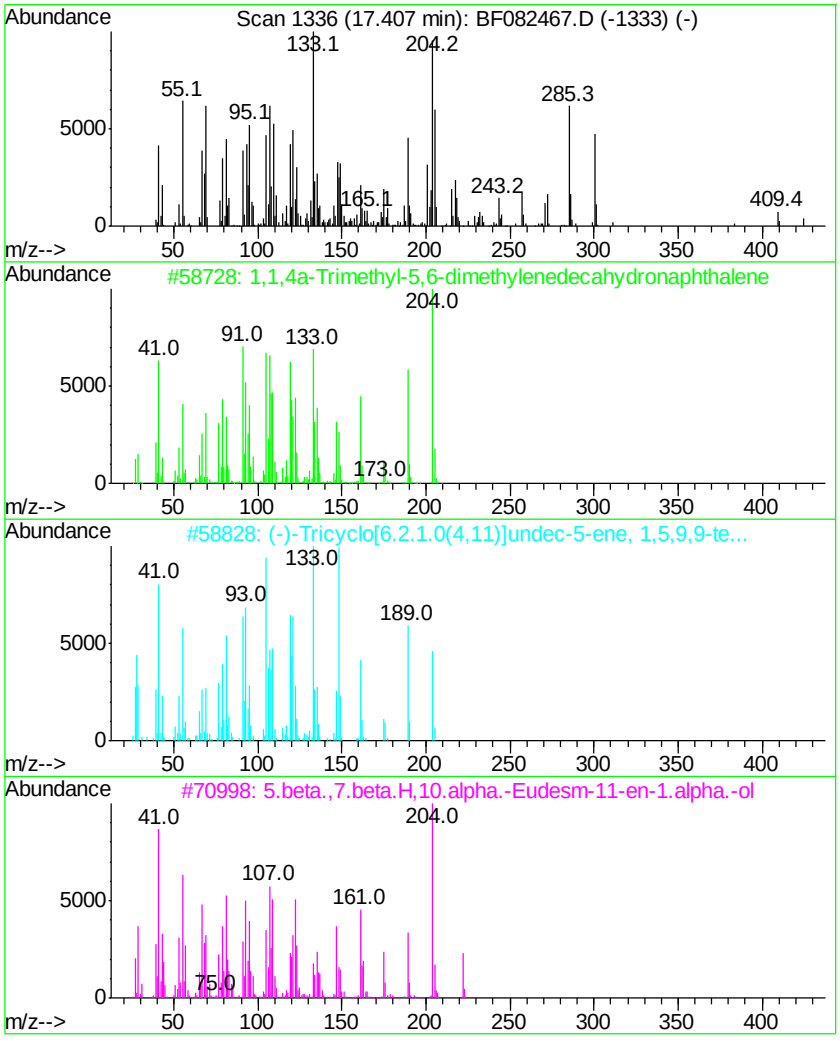
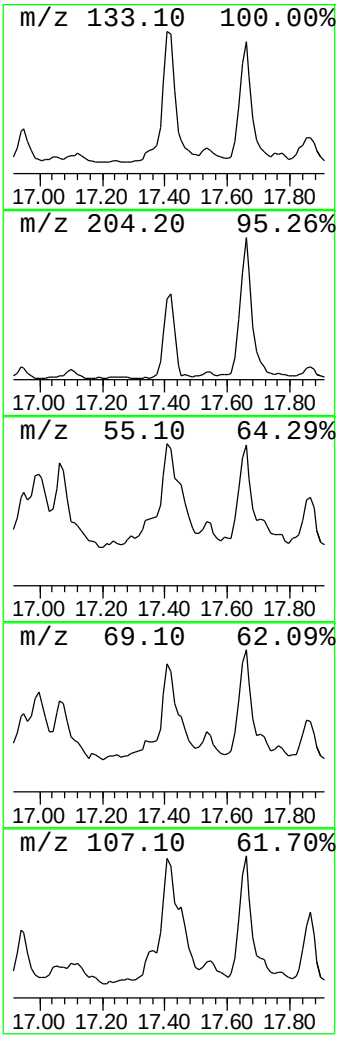
Peak Number 15 unknown17.41 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.41	45.16 ng	1943000	Perylene-d12	15.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1,4a-Trimethyl-5,6-dimethylene...	204	C15H24	1000193-60-8	49
2	(-)-Tricyclo[6.2.1.0(4,11)]undec...	204	C15H24	1000154-06-7	49
3	5.beta.,7.beta.H,10.alpha.-Eudes...	222	C15H26O	025826-85-1	35
4	Aciphyllene	204	C15H24	087745-31-1	35
5	1R,4S,7S,11R-2,2,4,8-Tetramethyl...	204	C15H24	1000140-07-6	35





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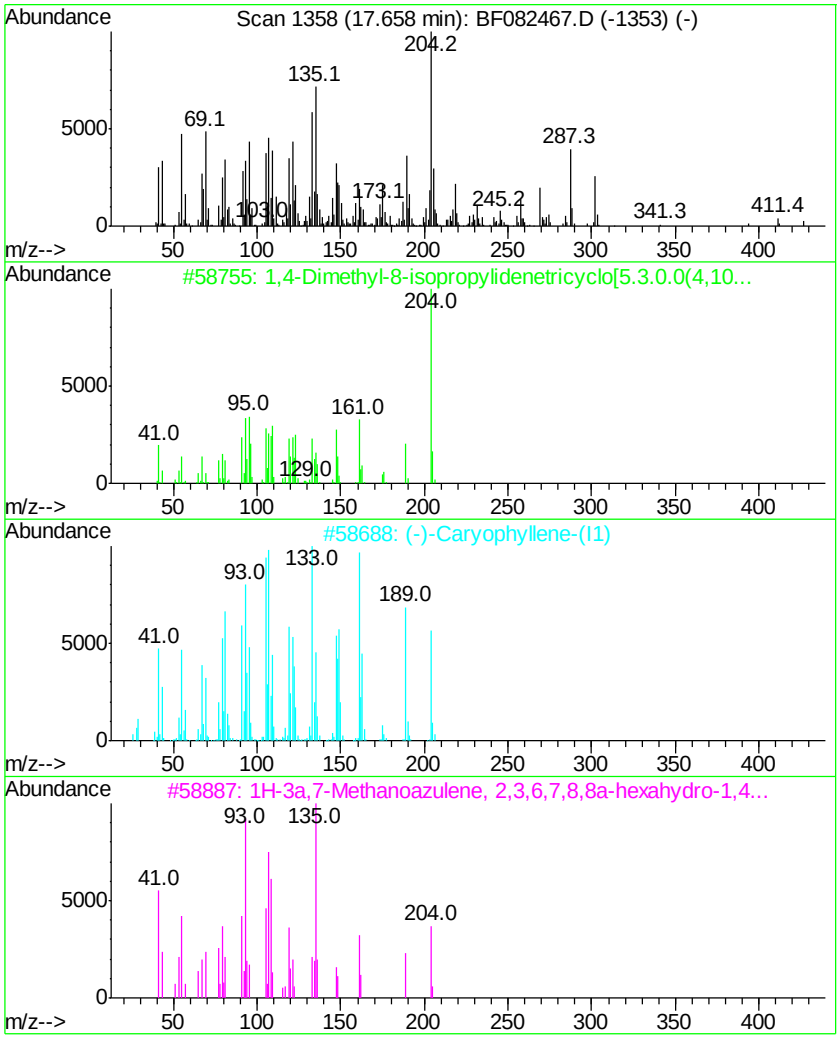
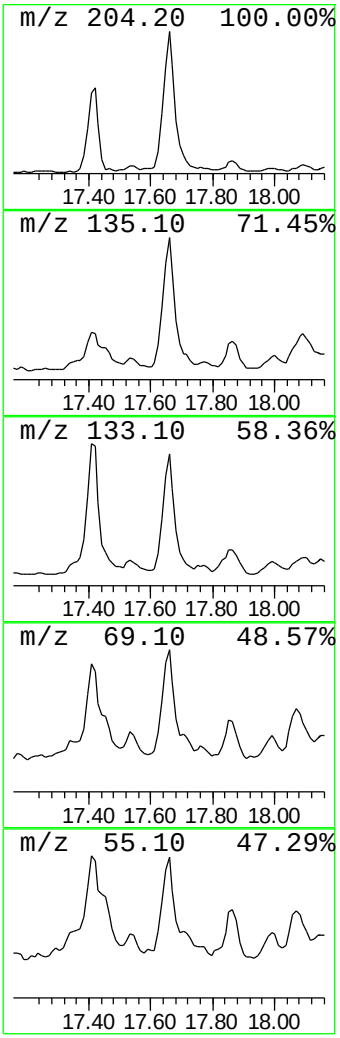
Peak Number 16 1,4-Dimethyl-8-isopropylide... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.66	41.14 ng	1770210	Perylene-d12	15.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Dimethyl-8-isopropylidenetri...	204	C15H24	1000140-07-7	53
2	(-)-Caryophyllene-(I1)	204	C15H24	1000156-13-1	47
3	1H-3a,7-Methanoazulene, 2,3,6,7,...	204	C15H24	000560-32-7	38
4	Naphthalene, 1,2,3,5,6,7,8,8a-oc...	204	C15H24	004630-07-3	38
5	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	38





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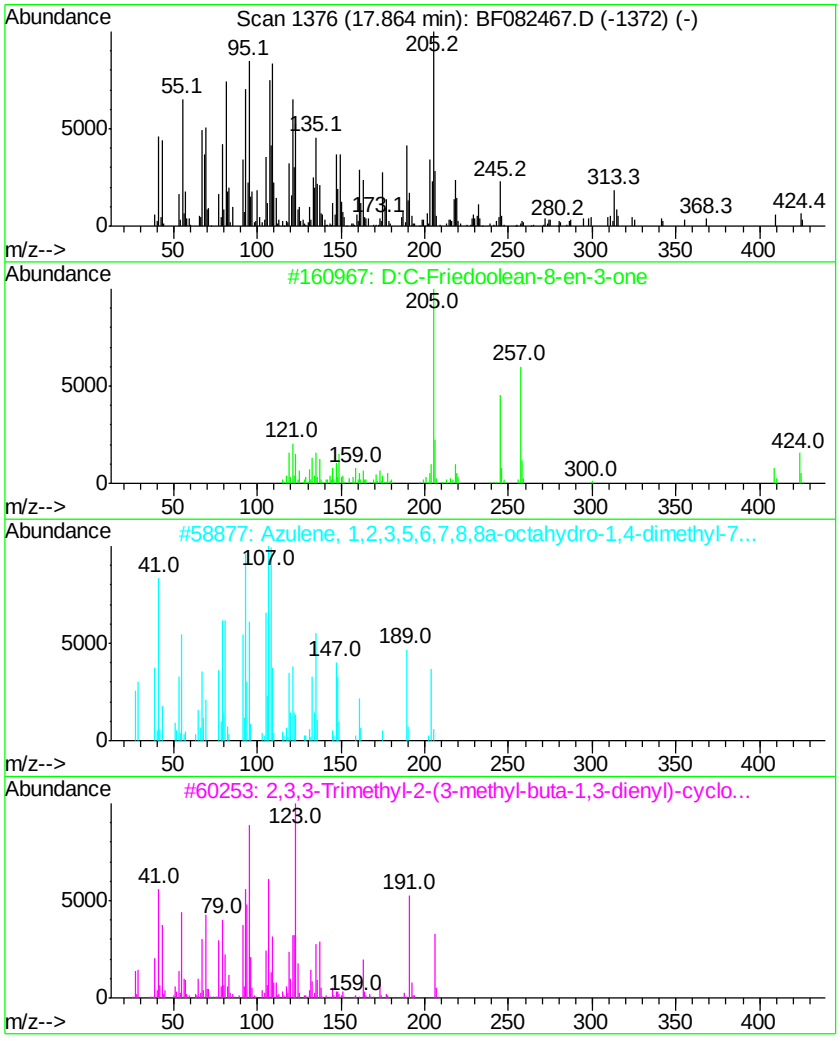
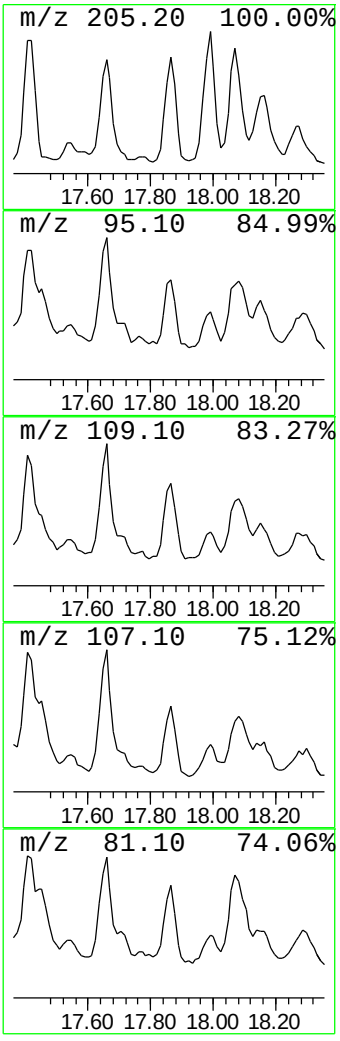
Peak Number 17 D:C-Friedoolean-8-en-3-one Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.86	17.27 ng	742947	Perylene-d12	15.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	D:C-Friedoolean-8-en-3-one	424	C30H48O	022611-26-3	74
2	Azulene, 1,2,3,5,6,7,8,8a-octahy...	204	C15H24	003691-11-0	42
3	2,3,3-Trimethyl-2-(3-methyl-buta...	206	C14H22O	1000193-60-6	38
4	1-Cycloheptene, 1,4-dimethyl-3-(...	204	C15H24	1000159-38-6	38
5	1-Naphthalenepropanol, .alpha.-e...	306	C20H34O2	004549-12-6	35





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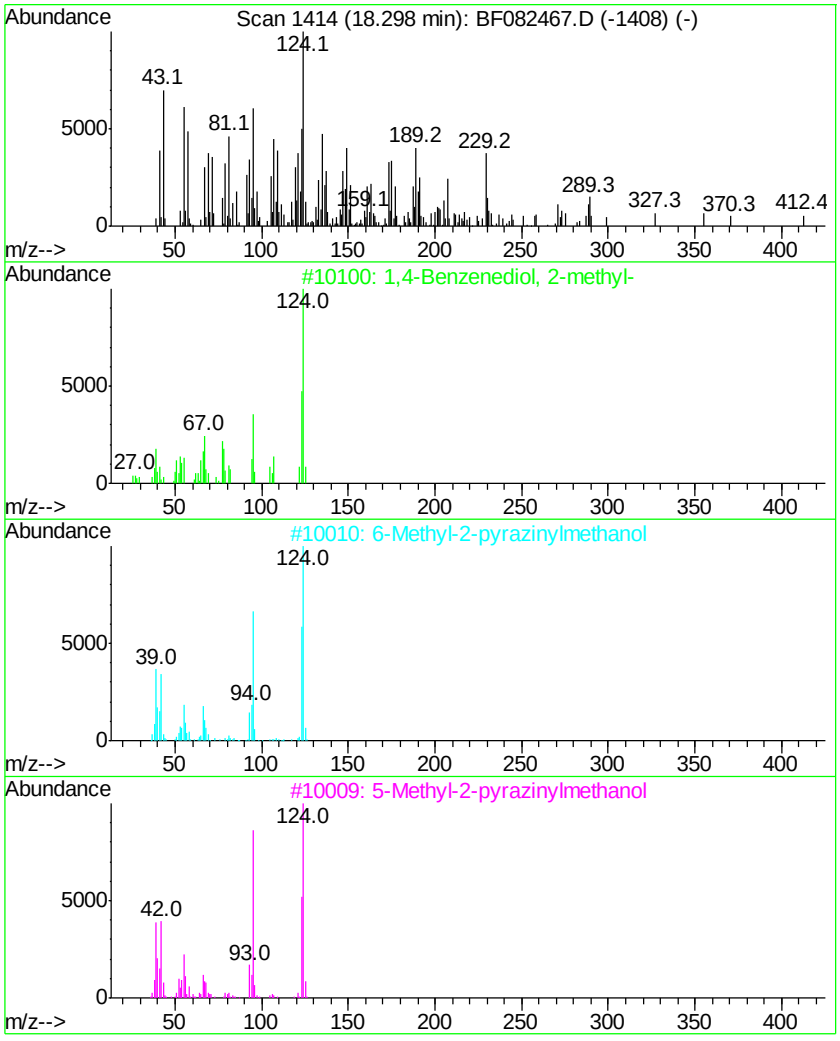
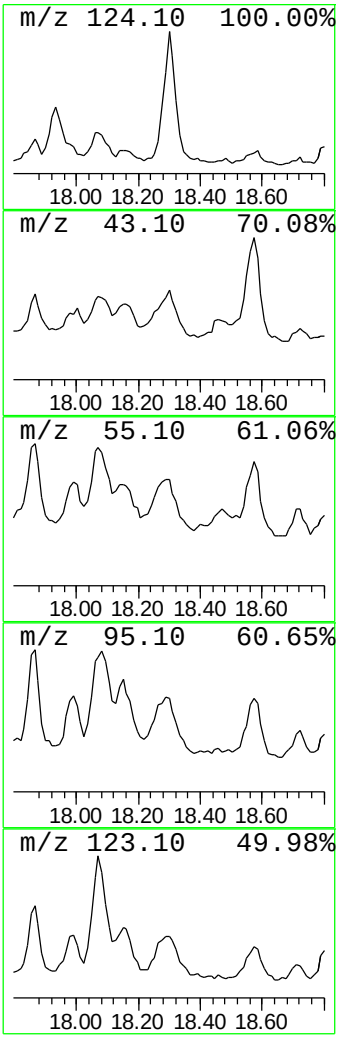
Peak Number 18 unknown18.30 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.30	20.70 ng	890630	Perylene-d12	15.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Benzenediol, 2-methyl-	124	C7H8O2	000095-71-6	38
2	6-Methyl-2-pyrazinylmethanol	124	C6H8N2O	077164-93-3	30
3	5-Methyl-2-pyrazinylmethanol	124	C6H8N2O	061892-95-3	30
4	2-Amino-3-methylpyridine-N-oxide	124	C6H8N2O	053669-61-7	25
5	1,2-Benzenediol, 4-methyl-	124	C7H8O2	000452-86-8	25





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Data File : BF082467.D
Acq On : 23 Oct 2015 1:49
Operator : UM/IZ
Sample : G4119-18
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB15-08-22.5-23

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

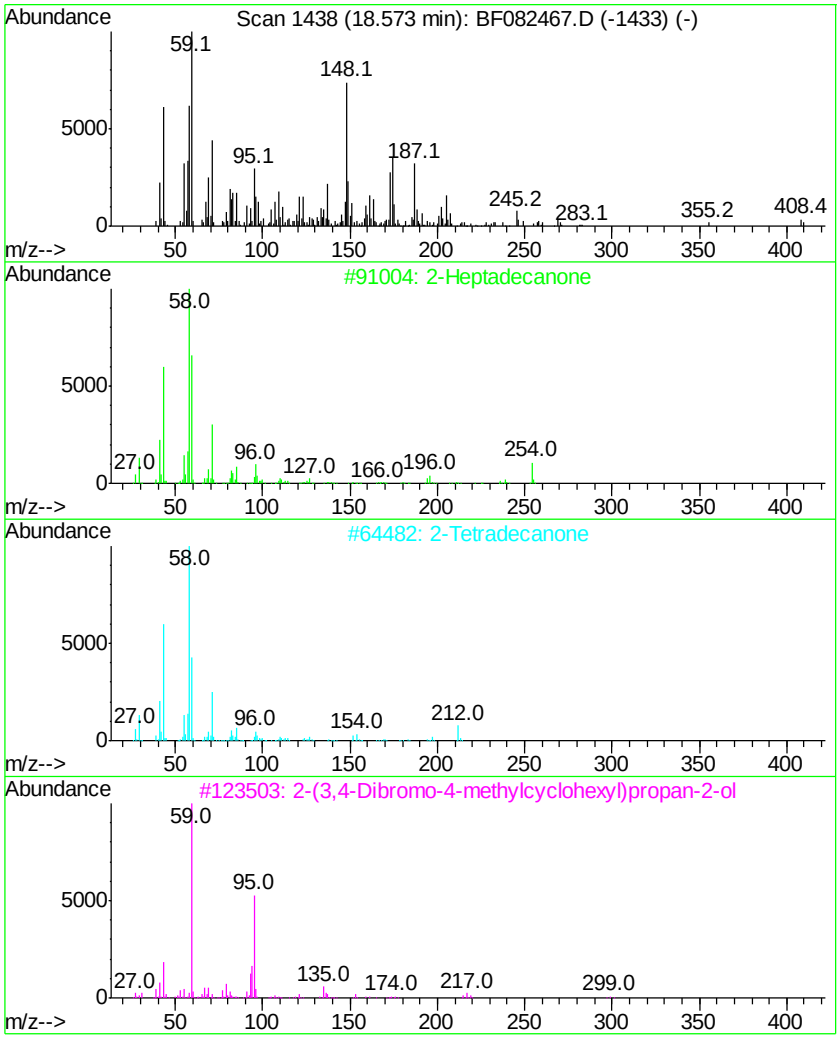
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

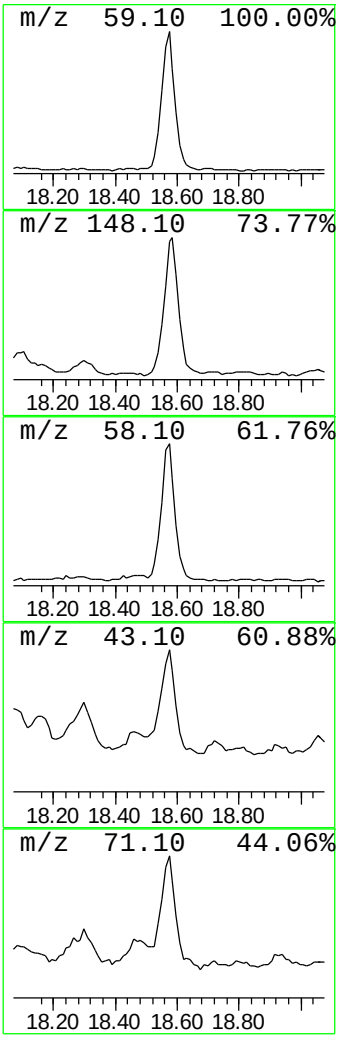
****

Peak Number 19 unknown18.57 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.57	21.78 ng	937165	Perylene-d12	15.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Heptadecanone	254	C17H34O	002922-51-2	22
2	2-Tetradecanone	212	C14H28O	002345-27-9	22
3	2-(3,4-Dibromo-4-methylcyclohexy...	312	C10H18Br2O	110202-13-6	14
4	2-Methyl-5-aminobenzoxazole	148	C8H8N2O	005676-60-8	11
5	2-Allyl-4-methylphenol	148	C10H12O	006628-06-4	11





Data Path : Z:\HPCHEM1\BNA F\DATA\BF102215\
Data File : BF082467.D
Acq On : 23 Oct 2015 1:49
Operator : UM/IZ
Sample : G4119-18
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB15-08-22.5-23

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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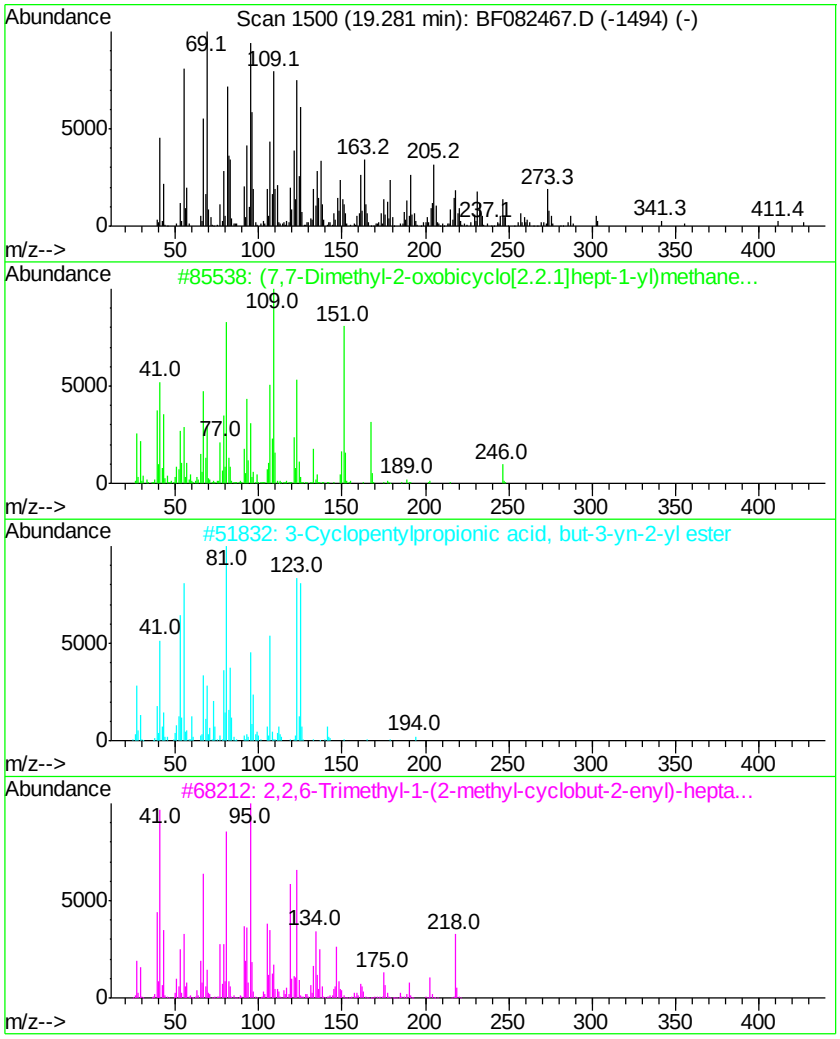
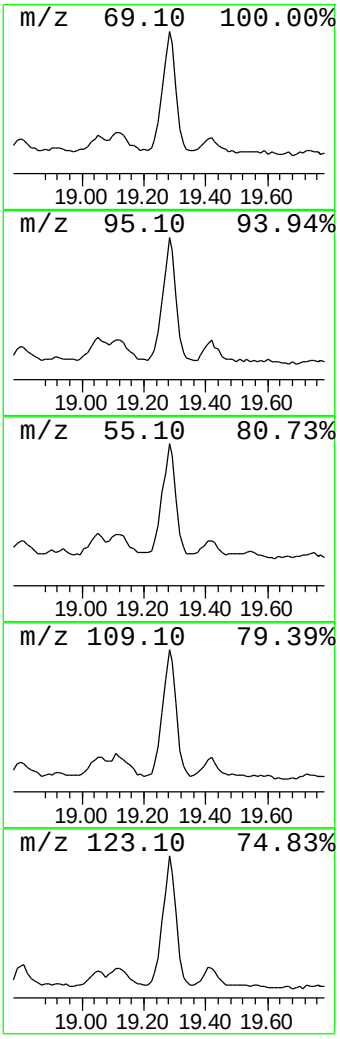
Peak Number 20 (7,7-Dimethyl-2-oxobicyclo[... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.28	35.28 ng	1518170	Perylene-d12	15.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(7,7-Dimethyl-2-oxobicyclo[2.2.1...	246	C11H18O4S	1000197-55-6	56
2	3-Cyclopentylpropionic acid, but...	194	C12H18O2	1000292-46-4	51
3	2,2,6-Trimethyl-1-(2-methyl-cycl...	218	C15H22O	1000188-72-8	49
4	2,3,3-Trimethyl-2-(3-methyl-buta...	206	C14H22O	1000193-60-6	42
5	Cyclohexanone, 2,3,3-trimethyl-2...	206	C14H22O	069296-90-8	42





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102215\
Data File : BF082467.D
Acq On : 23 Oct 2015 1:49
Operator : UM/IZ
Sample : G4119-18
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB15-08-22.5-23

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.94	34.7	ng	1285550	1	6.77	740170	20.0
unknown6.54	6.54	57.4	ng	2122600	1	6.77	740170	20.0
unknown13.46	13.46	25.3	ng	982733	5	13.96	776357	20.0
1,4-Methano-1H-in...	13.69	17.3	ng	671381	5	13.96	776357	20.0
Cyclotetradecane	13.80	80.5	ng	3124030	5	13.96	776357	20.0
5-Eicosene, (E)-	14.47	122.2	ng	4743650	5	13.96	776357	20.0
Heneicosane	15.10	27.1	ng	1166690	6	15.43	860581	20.0
Cyclopentadecane	15.12	44.3	ng	1906110	6	15.43	860581	20.0
Tetracosane	15.86	21.1	ng	907697	6	15.43	860581	20.0
1-Docosene	15.92	26.6	ng	1144770	6	15.43	860581	20.0
2-Nonadecanone	15.98	21.1	ng	906650	6	15.43	860581	20.0
unknown16.66	16.66	29.8	ng	1280260	6	15.43	860581	20.0
2-Heptadecanone	17.06	24.5	ng	1055150	6	15.43	860581	20.0
unknown17.41	17.41	45.2	ng	1943000	6	15.43	860581	20.0
1,4-Dimethyl-8-is...	17.66	41.1	ng	1770210	6	15.43	860581	20.0
D:C-Friedoolean-8...	17.86	17.3	ng	742947	6	15.43	860581	20.0
unknown18.30	18.30	20.7	ng	890630	6	15.43	860581	20.0
unknown18.57	18.57	21.8	ng	937165	6	15.43	860581	20.0
(7,7-Dimethyl-2-o...	19.28	35.3	ng	1518170	6	15.43	860581	20.0