LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041315\
Data File : BF078491.D
Acq On : 14 Apr 2015 7:59
Operator : TP/IZ
Sample : G1787-05
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LS-SD02B

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-BF040115.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	1.244	3	5	26	rVB3	105888	334074	11.28%	1.467%
2	1.507	26	28	35	rVV	163778	296296	10.01%	1.301%
3	1.610	35	37	71	rVB	1462852	2961074	100.00%	12.999%
4	4.490	287	289	294	rBV	72238	109671	3.70%	0.481%
5	5.084	338	341	349	rBV	673076	890418	30.07%	3.909%
6	6.433	456	459	466	rBV	822842	984565	33.25%	4.322%
7	6.547	466	469	471	rVV	734455	974439	32.91%	4.278%
8	6.822	491	493	496	rBV	143568	201987	6.82%	0.887%
9	7.016	507	510	512	rBV	601681	659618	22.28%	2.896%
10	7.530	552	555	557	rBV	660442	588530	19.88%	2.584%
11	8.399	629	631	633	rBV	228669	287217	9.70%	1.261%
12	9.725	746	747	748	rVV	31992	35237	1.19%	0.155%
13	9.748	748	749	752	rVB	629214	860615	29.06%	3.778%
14	10.148	779	784	786	rBV6	16962	31988	1.08%	0.140%
15	10.262	792	794	796	rBV	50183	80192	2.71%	0.352%
16	10.456	807	811	812	rVB3	15200	32444	1.10%	0.142%
17	10.559	818	820	822	rBV	336891	339439	11.46%	1.490%
18	10.605	822	824	828	rVB2	35094	54122	1.83%	0.238%
19	10.822	839	843	845	rBV3	30402	53943	1.82%	0.237%
20	10.879	845	848	849	rBV2	34345	32839	1.11%	0.144%
21	10.971	852	856	858	rBV5	14631	37944	1.28%	0.167%
22	11.234	878	879	882	rVB2	30567	40603	1.37%	0.178%
23	11.314	882	886	887	rBV3	20566	53824	1.82%	0.236%
24	11.462	895	899	901	rVB2	63445	125825	4.25%	0.552%
25	11.531	903	905	908	rVV2	523020	756378	25.54%	3.320%
26	11.771	923	926	928	rBV3	69213	117498	3.97%	0.516%
27	11.805	928	929	932	rVB	46863	62058	2.10%	0.272%
28	11.851	932	933	935	rBV2	45731	69413	2.34%	0.305%
29	11.896	935	937	938	rVV2	29365	52761	1.78%	0.232%
30	11.919	938	939	941	rVV2	44340	36106	1.22%	0.158%
31	11.965	941	943	944	rVV2	14890	29894	1.01%	0.131%
32	12.022	947	948	951	rVB	41336	55600	1.88%	0.244%
33	12.079	951	953	955	rBV	65894	75832	2.56%	0.333%
34	12.125	955	957	959	rVB2	33736	33849	1.14%	0.149%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041315\
Data File : BF078491.D
Acq On : 14 Apr 2015 7:59
Operator : TP/IZ
Sample : G1787-05
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LS-SD02B

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-BF040115.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.342	974	976	978	rBV	39899	51612	1.74%	0.227%
36	12.388	978	980	981	rBV	312228	351710	11.88%	1.544%
37	12.411	981	982	984	rVB	246632	219288	7.41%	0.963%
38	12.479	984	988	990	rBV	49880	70759	2.39%	0.311%
39	12.639	1000	1002	1005	rBV3	14018	33252	1.12%	0.146%
40	12.788	1013	1015	1021	rVV6	17773	49277	1.66%	0.216%
41	13.017	1032	1035	1036	rBV	31616	47689	1.61%	0.209%
42	13.039	1036	1037	1040	rVB	40403	52212	1.76%	0.229%
43	13.142	1044	1046	1047	rBV	62290	83763	2.83%	0.368%
44	13.405	1065	1069	1071	rVV2	29100	63383	2.14%	0.278%
45	13.691	1092	1094	1096	rBV	45269	60345	2.04%	0.265%
46	13.725	1096	1097	1101	rVV2	14599	32080	1.08%	0.141%
47	13.874	1107	1110	1112	rBV	329440	342399	11.56%	1.503%
48	13.931	1112	1115	1116	rVV	33406	44484	1.50%	0.195%
49	14.148	1131	1134	1136	rBV	356303	373819	12.62%	1.641%
50	14.217	1138	1140	1142	rVV2	16649	33044	1.12%	0.145%
51	14.251	1142	1143	1146	rVB2	31645	35190	1.19%	0.154%
52	14.377	1151	1154	1156	rVB	860201	989957	33.43%	4.346%
53	14.434	1156	1159	1161	rBV2	27150	44955	1.52%	0.197%
54	14.571	1166	1171	1173	rBV	52627	98953	3.34%	0.434%
55	14.651	1175	1178	1180	rBV	44225	66599	2.25%	0.292%
56	14.697	1180	1182	1184	rBV2	38320	55387	1.87%	0.243%
57	14.777	1187	1189	1190	rBV2	19869	37142	1.25%	0.163%
58	15.325	1235	1237	1238	rBV	30977	35379	1.19%	0.155%
59	15.360	1238	1240	1244	rVV2	33060	79316	2.68%	0.348%
60	15.577	1254	1259	1261	rBV3	53254	155559	5.25%	0.683%
61	15.645	1261	1265	1266	rVV2	381134	715969	24.18%	3.143%
62	15.668	1266	1267	1269	rVV	165639	212945	7.19%	0.935%
63	15.725	1269	1272	1274	rVV	246009	280513	9.47%	1.231%
64	15.771	1274	1276	1277	rVV	50632	65456	2.21%	0.287%
65	15.897	1286	1287	1289	rVB	31689	35245	1.19%	0.155%
66	15.954	1289	1292	1296	rBV2	37337	86733	2.93%	0.381%
67	16.068	1299	1302	1303	rBV2	40461	65912	2.23%	0.289%
68	16.148	1306	1309	1310	rVV	55493	95992	3.24%	0.421%
69	16.183	1310	1312	1315	rVV2	50838	86764	2.93%	0.381%
70	16.251	1315	1318	1320	rVV3	52311	121561	4.11%	0.534%
71	16.343	1324	1326	1334	rVB2	191566	385146	13.01%	1.691%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041315\
Data File : BF078491.D
Acq On : 14 Apr 2015 7:59
Operator : TP/IZ
Sample : G1787-05
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LS-SD02B

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-BF040115.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	16.937	1375	1378	1383	rBV	292047	710403	23.99%	3.119%
73	17.051	1386	1388	1390	rVB	91804	108914	3.68%	0.478%
74	17.177	1396	1399	1401	rBV	163708	294618	9.95%	1.293%
75	17.246	1403	1405	1409	rVB	158988	227508	7.68%	0.999%
76	17.314	1409	1411	1414	rVB	371520	427240	14.43%	1.875%
77	17.383	1414	1417	1418	rBV	269515	384848	13.00%	1.689%
78	17.566	1430	1433	1434	rBV2	42657	78713	2.66%	0.346%
79	17.886	1459	1461	1465	rVB2	35020	50045	1.69%	0.220%
80	17.954	1465	1467	1470	rBV	51579	88161	2.98%	0.387%
81	18.011	1470	1472	1475	rBV3	38610	75053	2.53%	0.329%
82	18.137	1481	1483	1487	rVB2	92989	159166	5.38%	0.699%
83	18.377	1501	1504	1510	rVB4	68519	178055	6.01%	0.782%
84	18.491	1512	1514	1517	rVV2	57977	93023	3.14%	0.408%
85	18.629	1523	1526	1529	rBV2	197042	338849	11.44%	1.487%
86	18.697	1529	1532	1537	rVB	380568	738857	24.95%	3.243%
87	18.777	1537	1539	1541	rBV	58241	103246	3.49%	0.453%
88	18.834	1541	1544	1553	rVB6	72684	234726	7.93%	1.030%
89	18.971	1553	1556	1561	rBV	155866	325561	10.99%	1.429%
90	19.166	1570	1573	1578	rVB	87644	183346	6.19%	0.805%
91	19.269	1580	1582	1588	rVB3	77615	185704	6.27%	0.815%
92	19.543	1602	1606	1608	rBV4	25666	73866	2.49%	0.324%
93	19.806	1625	1629	1634	rVB3	113563	288669	9.75%	1.267%
94	20.549	1690	1694	1700	rVB7	26014	89168	3.01%	0.391%
95	20.754	1708	1712	1717	rVB	60316	188345	6.36%	0.827%
96	20.892	1720	1724	1728	rBV	46893	137912	4.66%	0.605%

Sum of corrected areas: 22780078

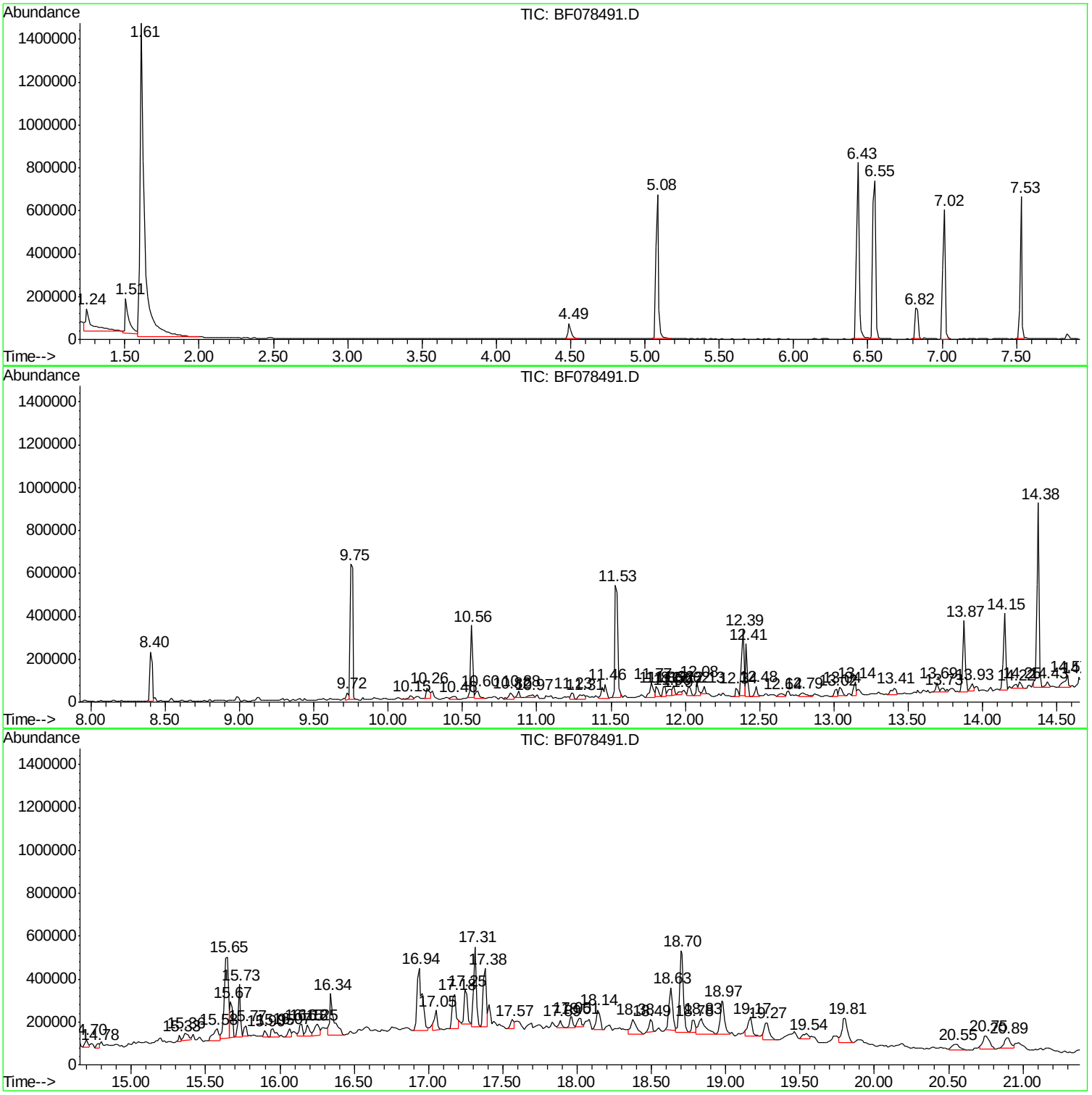
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041315\
Data File : BF078491.D
Acq On : 14 Apr 2015 7:59
Operator : TP/IZ
Sample : G1787-05
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LS-SD02B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.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\BF041315\
Data File : BF078491.D
Acq On : 14 Apr 2015 7:59
Operator : TP/IZ
Sample : G1787-05
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LS-SD02B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

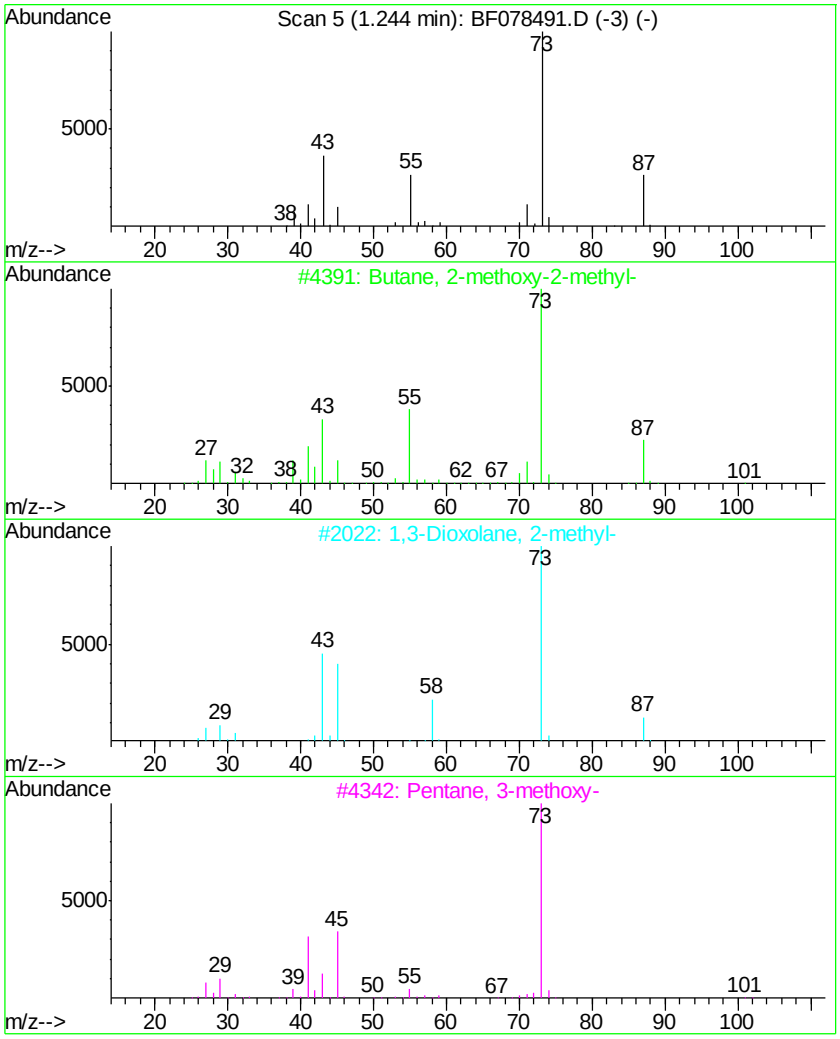
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

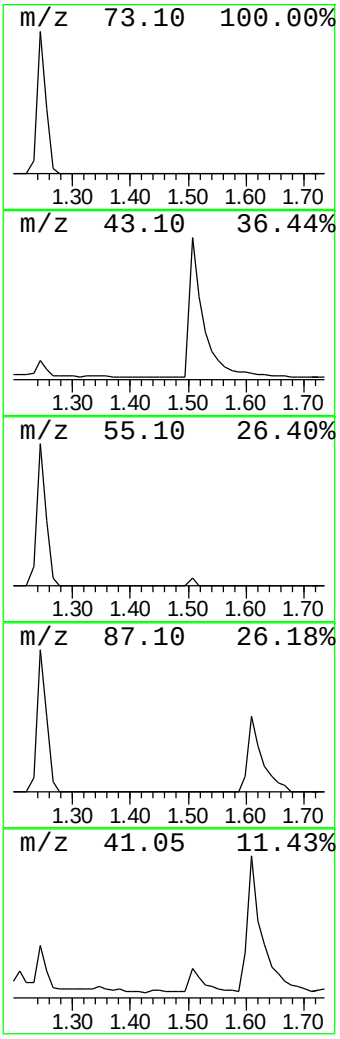
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.24	33.08 ng	334074	1,4-Dichlorobenzene-d4	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	12
5	Borane, dimethoxy-	74	C2H7BO2	004542-61-4	9





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041315\
Data File : BF078491.D
Acq On : 14 Apr 2015 7:59
Operator : TP/IZ
Sample : G1787-05
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LS-SD02B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

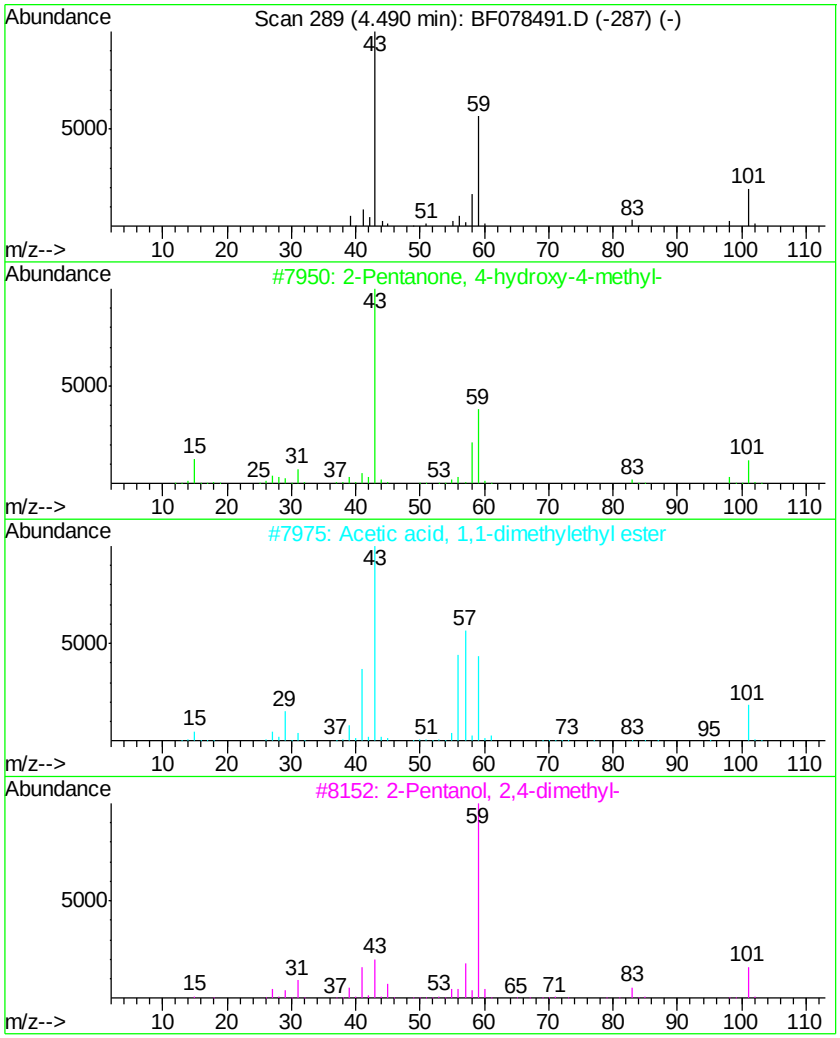
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

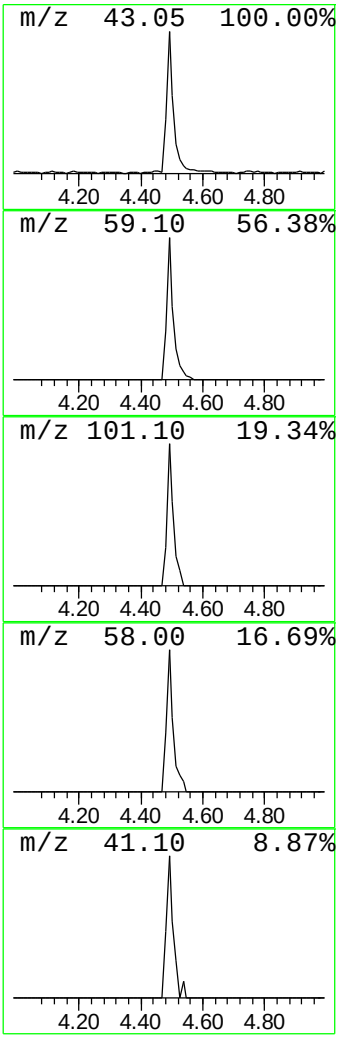
****

Peak Number 4 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.49	10.86 ng	109671	1,4-Dichlorobenzene-d4	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	2-Pentanol, 2,4-dimethyl-	116	C7H16O	000625-06-9	28
4	5-Hexen-2-one	98	C6H10O	000109-49-9	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041315\
Data File : BF078491.D
Acq On : 14 Apr 2015 7:59
Operator : TP/IZ
Sample : G1787-05
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LS-SD02B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

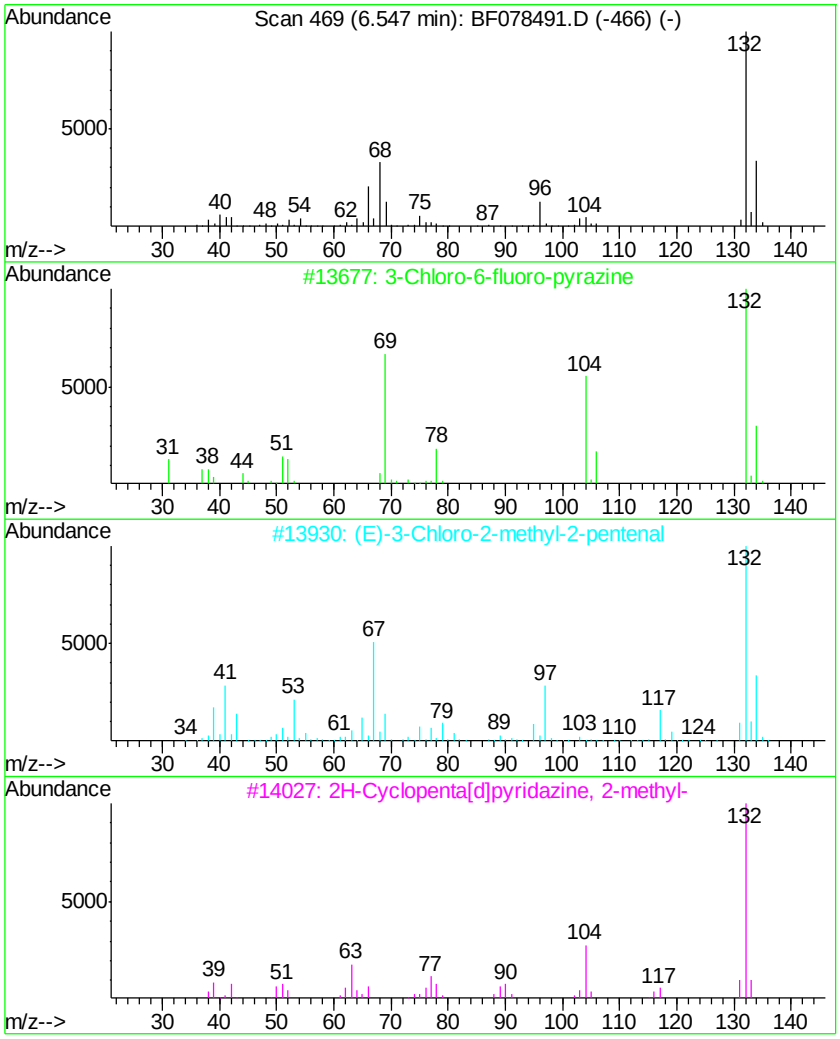
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

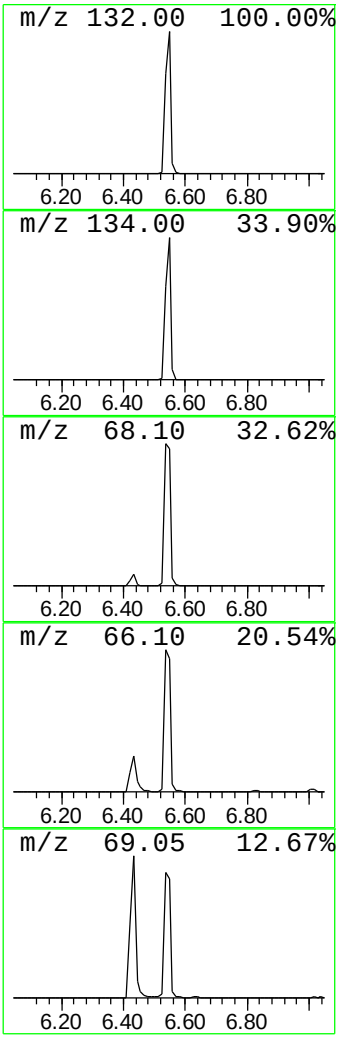
****

Peak Number 5 unknown6.55 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.55	96.49 ng	974439	1,4-Dichlorobenzene-d4	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041315\
Data File : BF078491.D
Acq On : 14 Apr 2015 7:59
Operator : TP/IZ
Sample : G1787-05
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LS-SD02B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

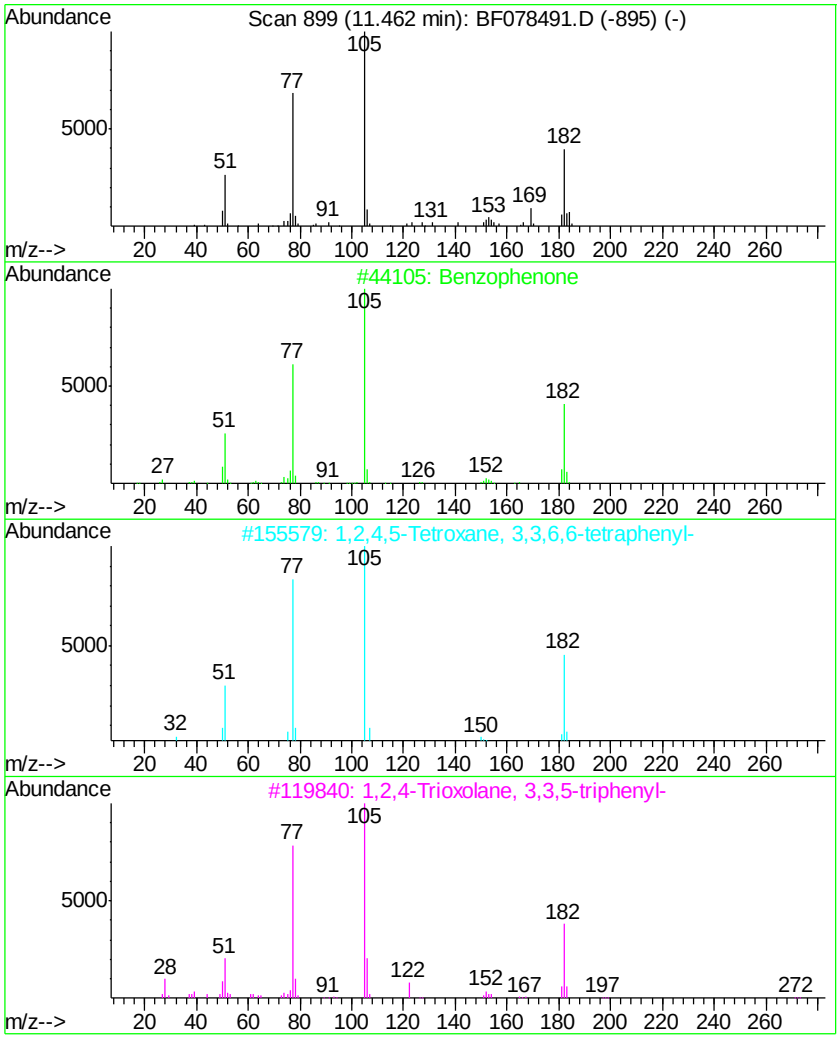
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

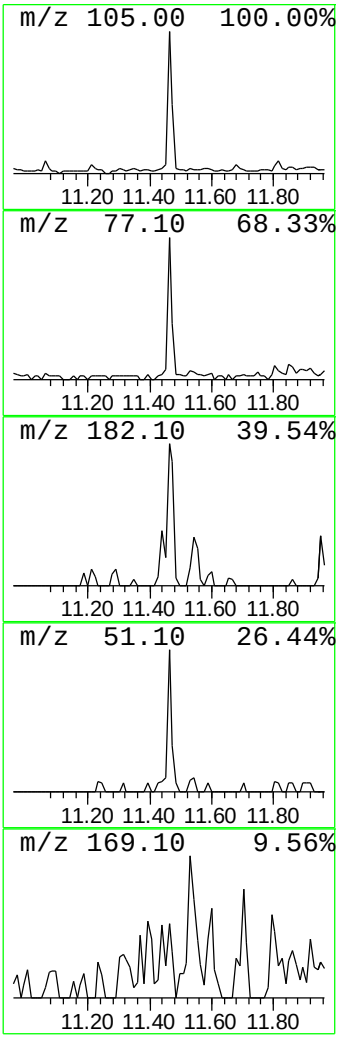
****

Peak Number 7 Benzophenone Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.46	7.41 ng	125825	Acenaphthene-d10	10.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	94
2	1,2,4,5-Tetroxane, 3,3,6,6-tetra...	396	C26H20O4	016204-36-7	72
3	1,2,4-Trioxolane, 3,3,5-triphenyl-	304	C20H16O3	023246-12-0	72
4	Azobenzene, (E)-	182	C12H10N2	017082-12-1	53
5	2-(2-Oxo-2-phenyl-ethyl)-malonon...	184	C11H8N2O	1000296-76-9	46





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041315\
Data File : BF078491.D
Acq On : 14 Apr 2015 7:59
Operator : TP/IZ
Sample : G1787-05
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LS-SD02B

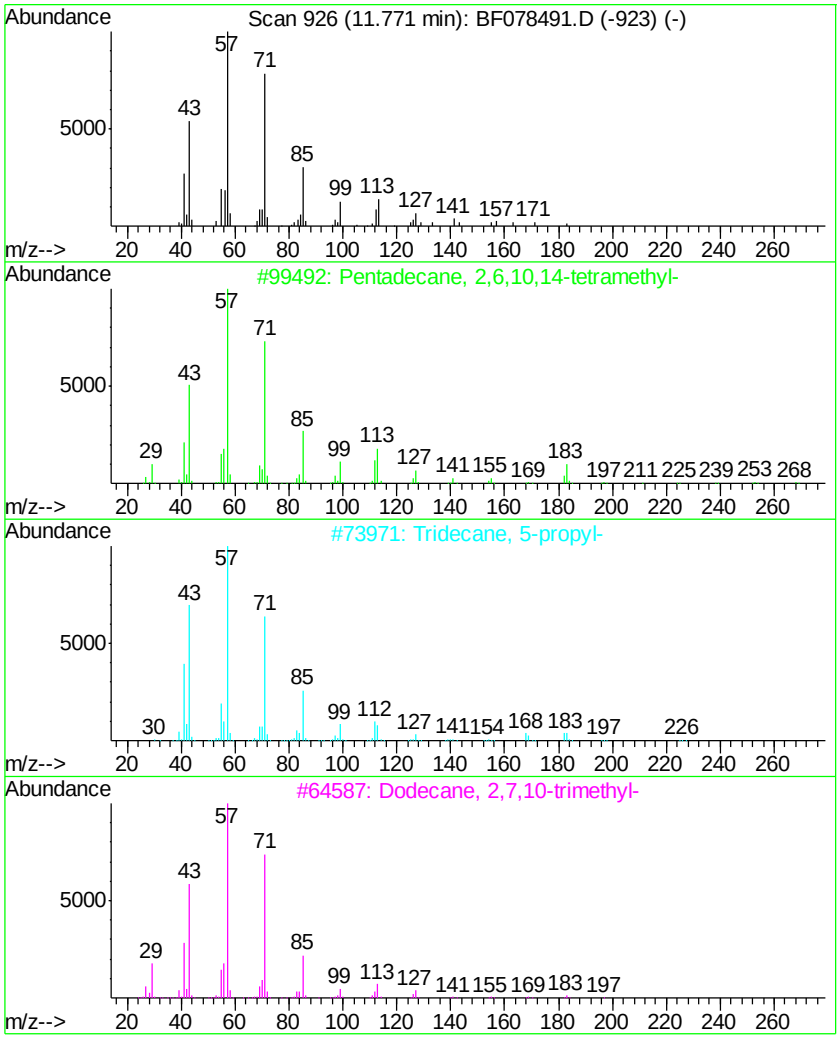
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

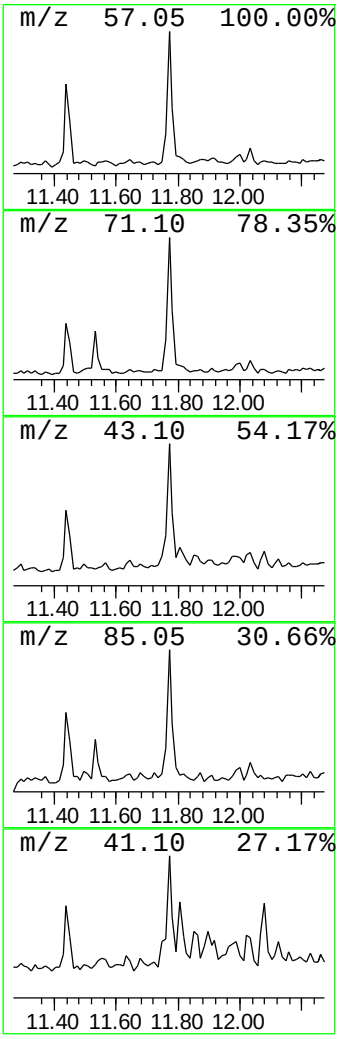
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Pentadecane, 2,6,10,14-tetr... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	6.68 ng	117498	Phenanthrene-d10	12.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	90
2	Tridecane, 5-propyl-	226	C16H34	055045-11-9	83
3	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	80
4	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	80
5	Tridecane, 4-methyl-	198	C14H30	026730-12-1	72





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041315\
Data File : BF078491.D
Acq On : 14 Apr 2015 7:59
Operator : TP/IZ
Sample : G1787-05
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LS-SD02B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.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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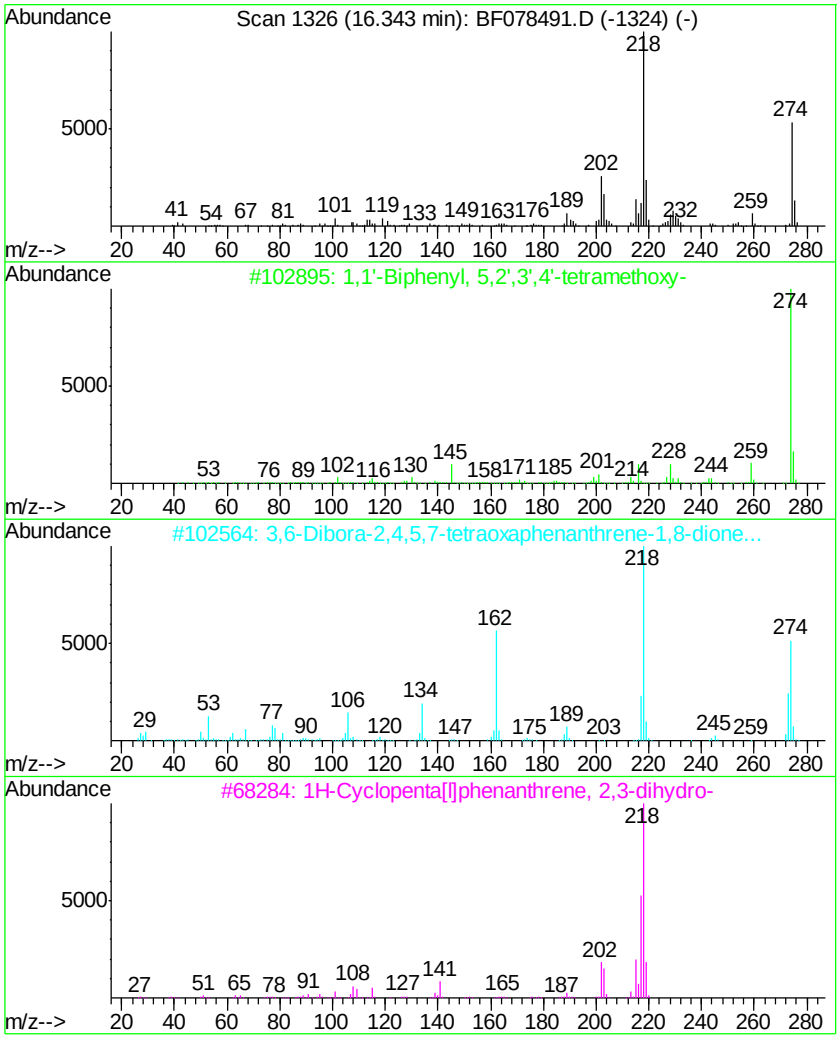
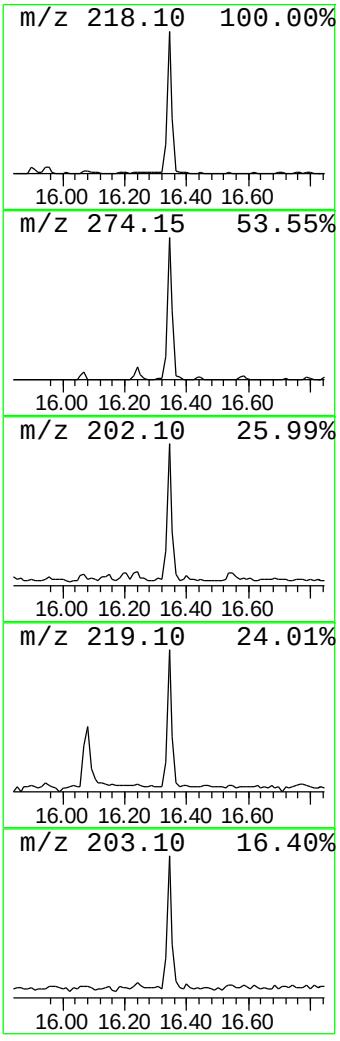
Peak Number 9 1,1'-Biphenyl, 5,2',3',4'-t... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.34	10.76 ng	385146	Chrysene-d12	15.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 5,2',3',4'-tetram...	274	C16H18O4	119101-30-3	53
2	3,6-Dibora-2,4,5,7-tetraoxaphena...	274	C12H12B2O6	1000159-66-2	52
3	1H-Cyclopenta[l]phenanthrene, 2,...	218	C17H14	000723-98-8	47
4	2,4-Diethoxyquinazoline	218	C12H14N2O2	000611-65-4	43
5	1,4-Naphthoquinone, 6-ethyl-2,5-...	218	C12H10O4	013378-87-5	43





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Data File : BF078491.D
Acq On : 14 Apr 2015 7:59
Operator : TP/IZ
Sample : G1787-05
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LS-SD02B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.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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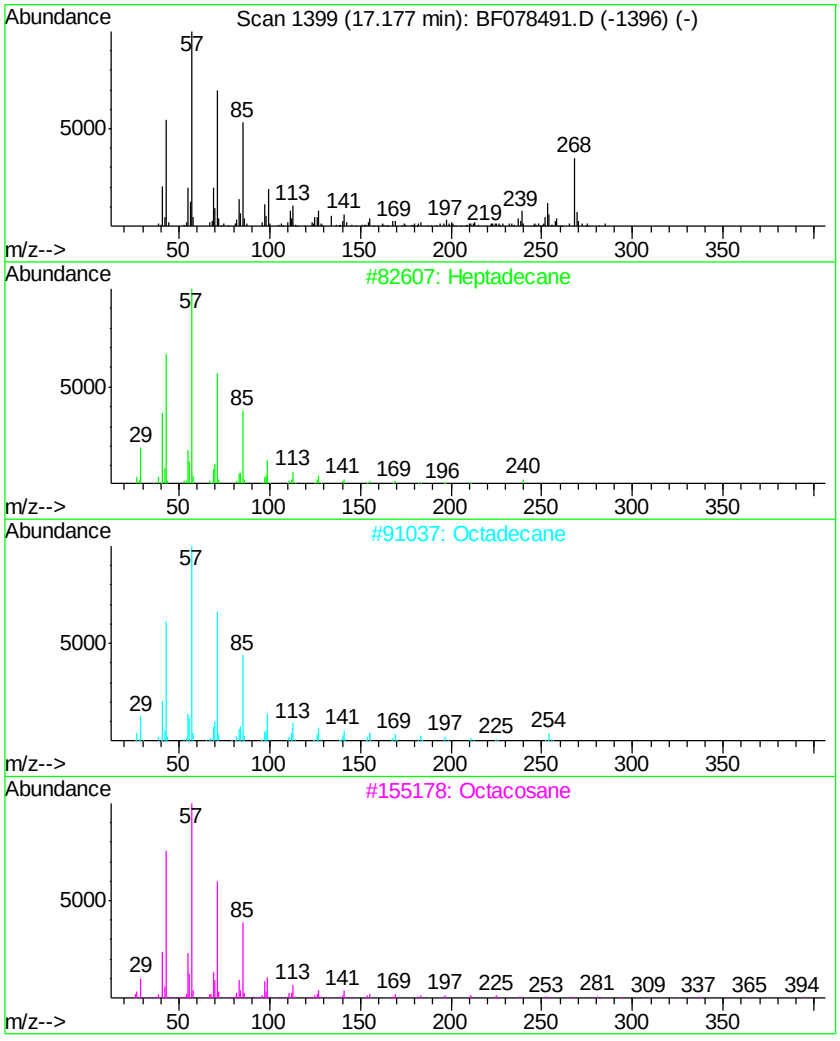
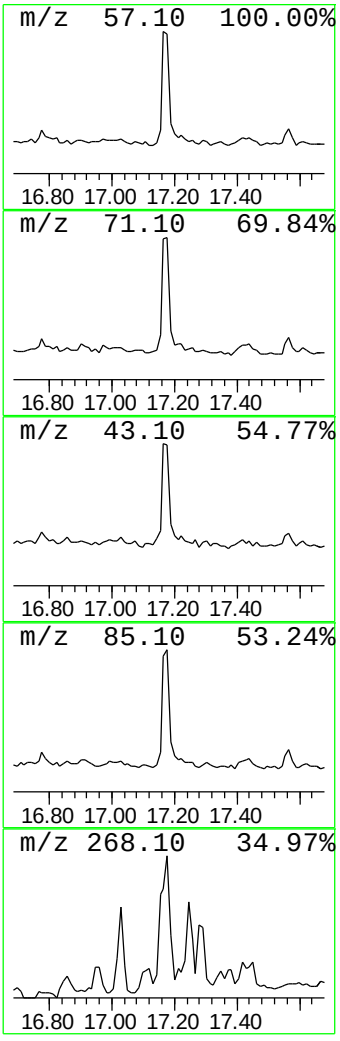
Peak Number 11 Heptadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.18	15.31 ng	294618	Perylene-d12	17.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	93
2	Octadecane	254	C18H38	000593-45-3	93
3	Octacosane	394	C28H58	000630-02-4	64
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	64
5	Heptacosane	380	C27H56	000593-49-7	64





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Acq On : 14 Apr 2015 7:59
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Sample : G1787-05
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LS-SD02B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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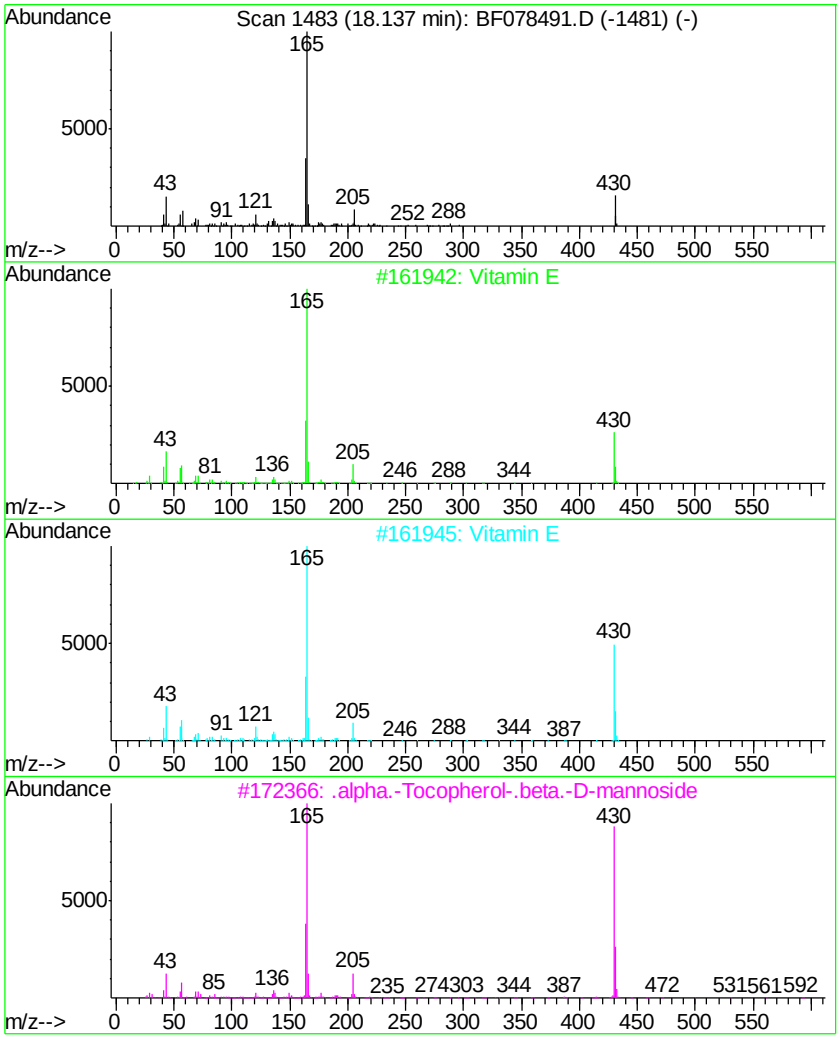
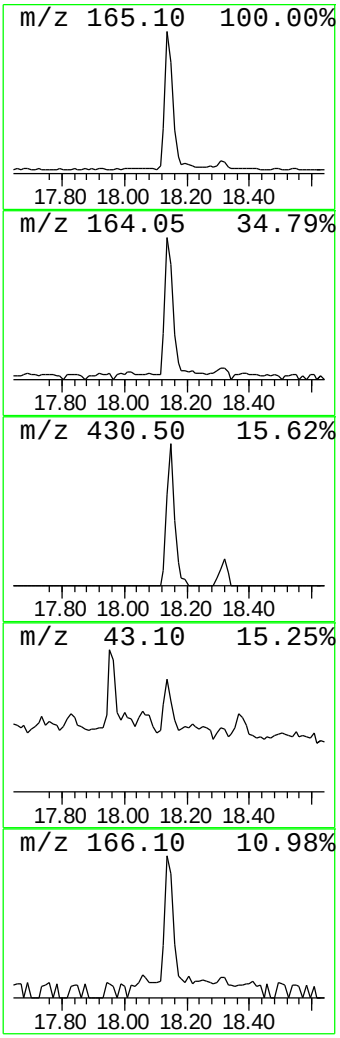
Peak Number 13 Vitamin E Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.14	8.27 ng	159166	Perylene-d12	17.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Vitamin E	430	C29H50O2	010191-41-0	97
2	Vitamin E	430	C29H50O2	000059-02-9	95
3	.alpha.-Tocopherol-.beta.-D-mann...	592	C35H60O7	1000156-68-2	72
4	4-Amino-3-methoxypyrazolo[3,4-d]...	165	C6H7N5O	111375-22-5	59
5	7-Methyl-8-oxo-1,2,3,4-tetrahydr...	165	C8H11N3O	026955-10-2	59





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Sample : G1787-05
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LS-SD02B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
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TIC Library : C:\DATABASE\NIST02.L
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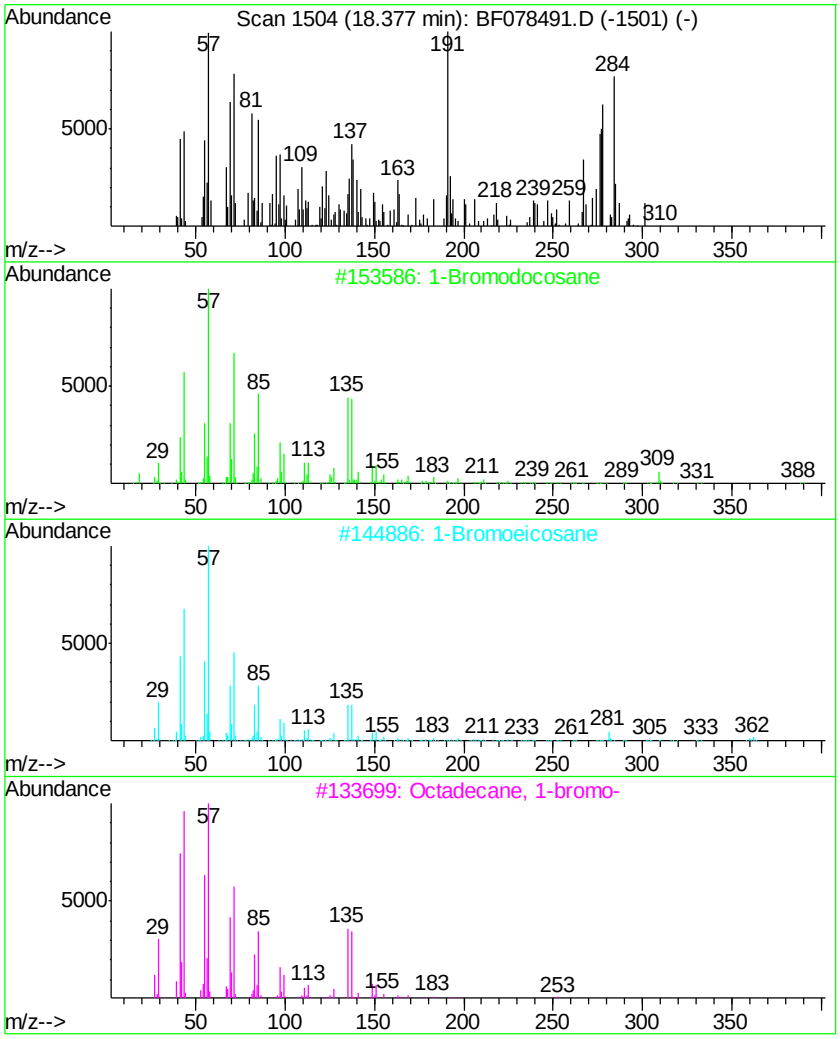
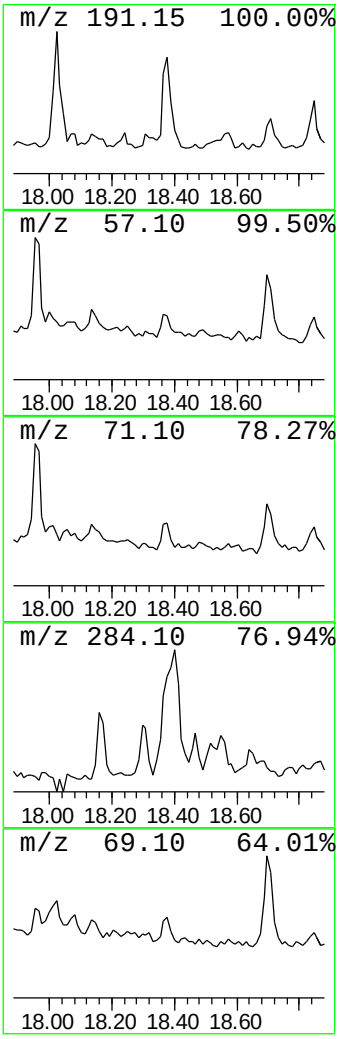
Peak Number 14 unknown18.38 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.38	9.25 ng	178055	Perylene-d12	17.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Bromodocosane	388	C22H45Br	006938-66-5	14
2	1-Bromoeicosane	360	C20H41Br	004276-49-7	14
3	Octadecane, 1-bromo-	332	C18H37Br	000112-89-0	14
4	Tridecane, 1-bromo-	262	C13H27Br	000765-09-3	14
5	Benzaldehyde,(diphenylmethyliden...	284	C20H16N2	1000148-58-8	11





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Operator : TP/IZ
Sample : G1787-05
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LS-SD02B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.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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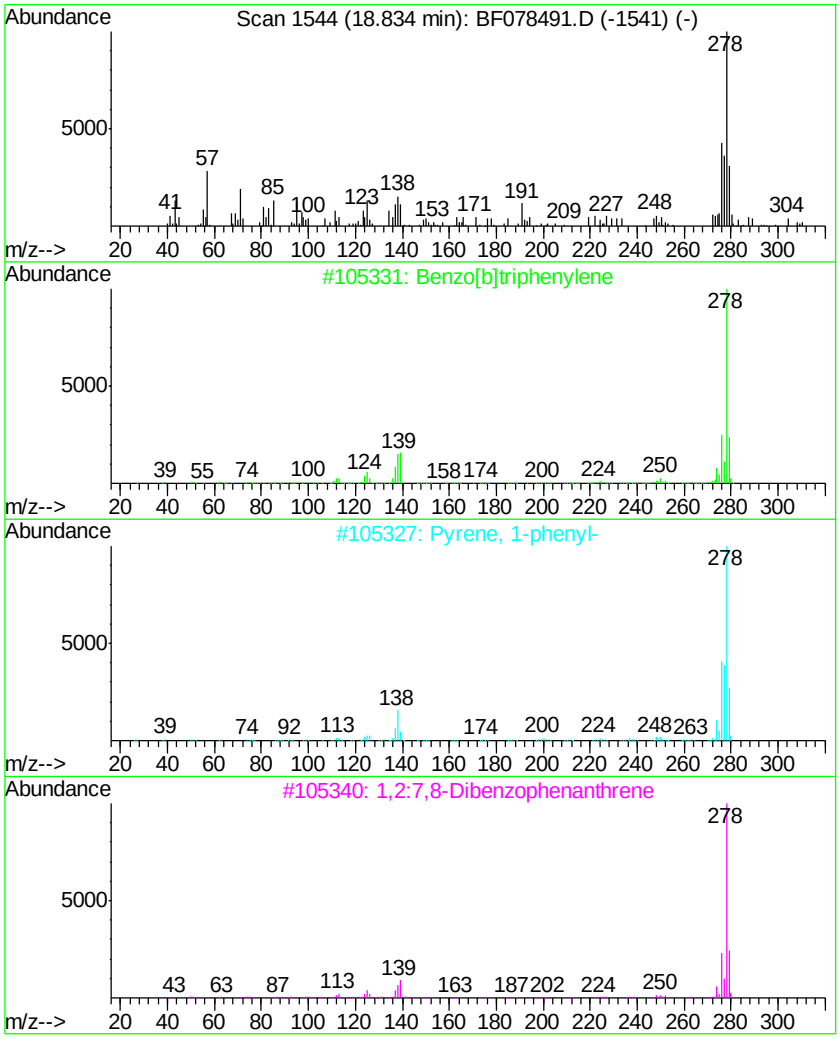
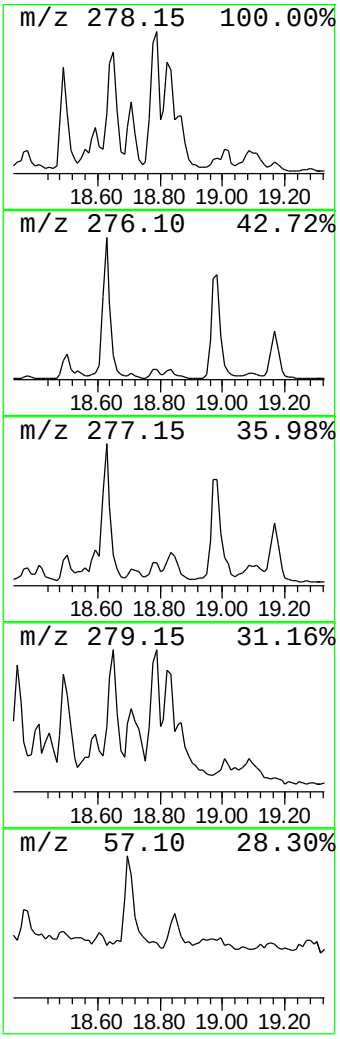
Peak Number 15 Benzo[b]triphenylene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.83	12.20 ng	234726	Perylene-d12	17.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]triphenylene	278	C22H14	000215-58-7	78
2	Pyrene, 1-phenyl-	278	C22H14	005101-27-9	64
3	1,2:7,8-Dibenzophenanthrene	278	C22H14	000213-46-7	60
4	Pentaphene	278	C22H14	000222-93-5	60
5	1-Butaneboronic acid, cyclic dip...	278	C18H19BO2	024371-99-1	50





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Acq On : 14 Apr 2015 7:59
Operator : TP/IZ
Sample : G1787-05
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LS-SD02B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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TIC Integration Parameters: LSCINT.P

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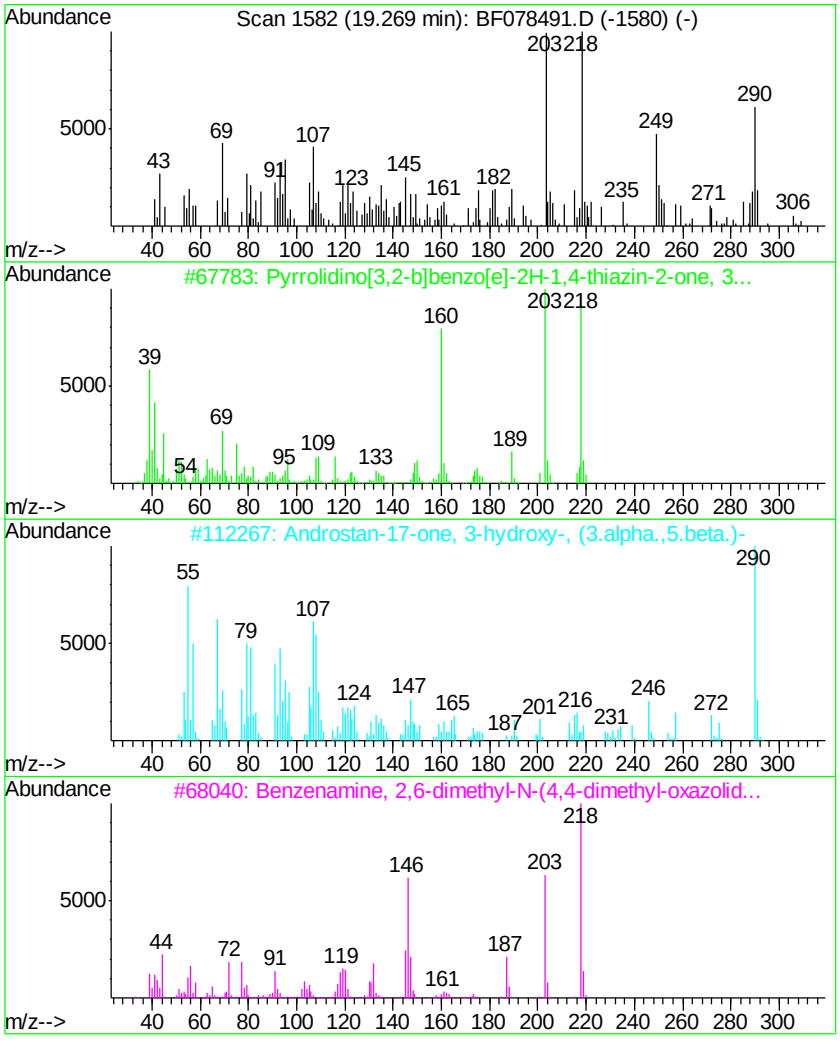
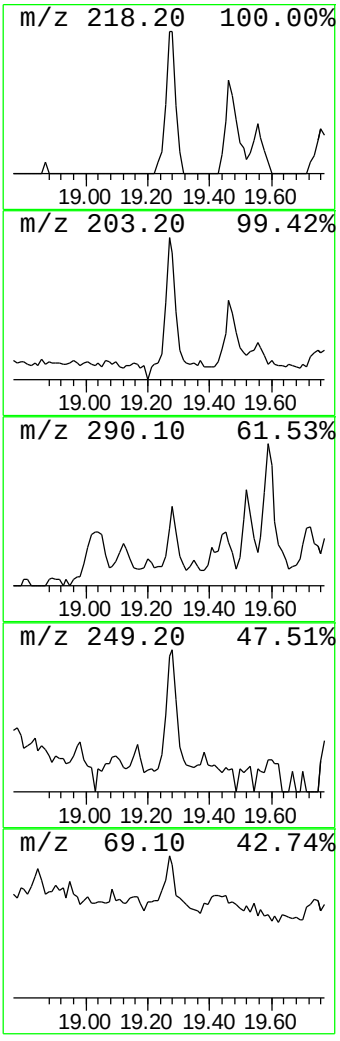
Peak Number 17 Pyrrolidino[3,2-b]benzo[e]-... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.27	9.65 ng	185704	Perylene-d12	17.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrrolidino[3,2-b]benzo[e]-2H-1,...	218	C11H10N2OS	017163-68-7	62
2	Androstan-17-one, 3-hydroxy-, (3...	290	C19H30O2	000053-42-9	47
3	Benzenamine, 2,6-dimethyl-N-(4,4...	218	C13H18N2O	281211-68-5	38
4	Quinolin-8-amine, 5,6-dimethoxy-...	218	C12H14N2O2	064992-95-6	38
5	9,11-Dimethyltetracyclo[7.3.1.0(...	218	C16H26	053263-99-3	30





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Operator : TP/IZ
Sample : G1787-05
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LS-SD02B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
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TIC Library : C:\DATABASE\NIST02.L
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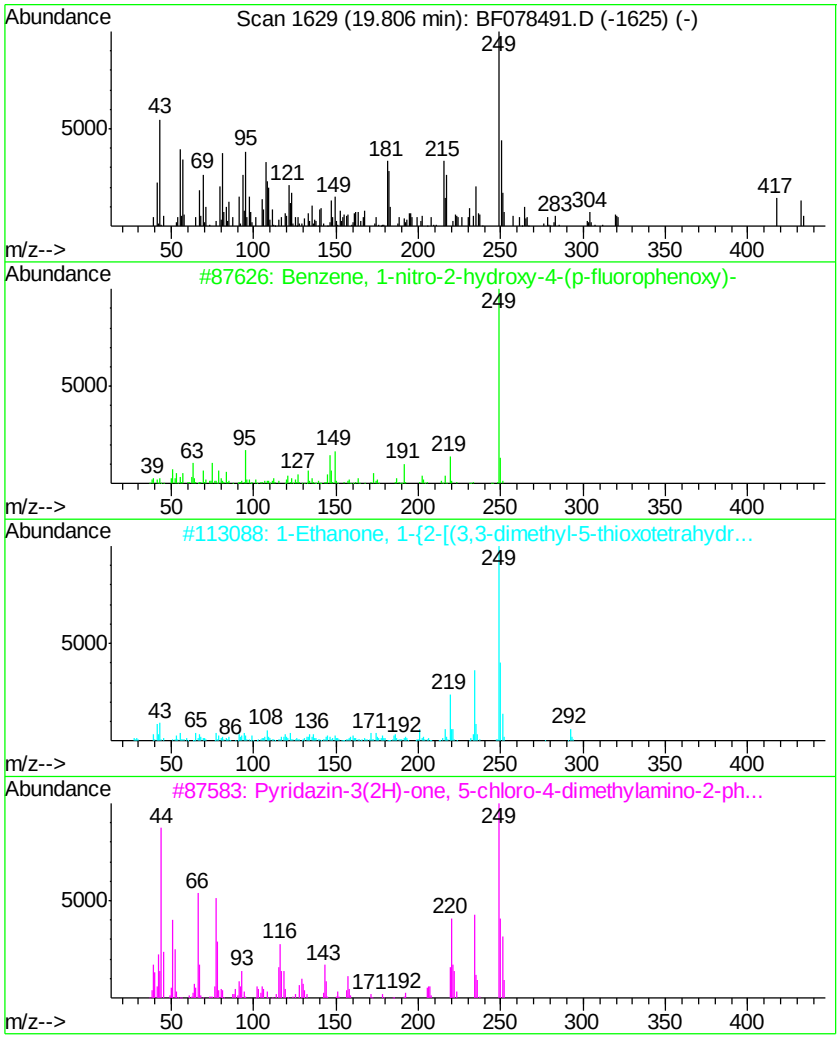
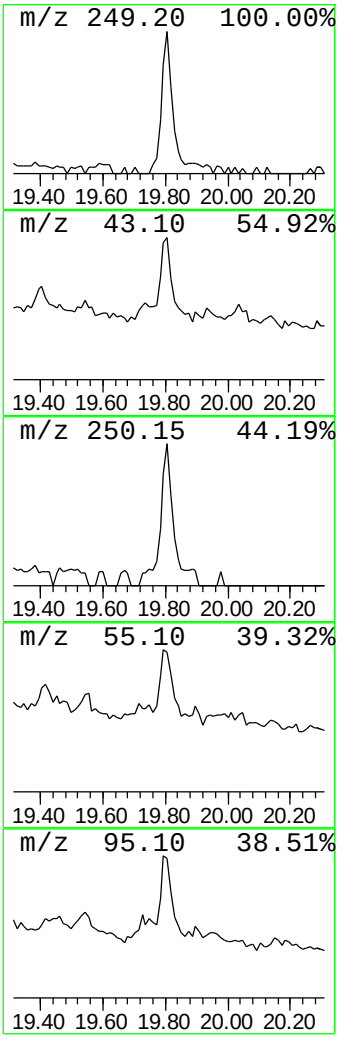
Peak Number 18 unknown19.81 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.81	15.00 ng	288669	Perylene-d12	17.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-nitro-2-hydroxy-4-(p-...	249	C12H8FNO4	189214-56-0	43
2	1-Ethanone, 1-{2-[(3,3-dimethyl-...	292	C16H24N2OS	077109-20-7	37
3	Pyridazin-3(2H)-one, 5-chloro-4-...	249	C12H12ClN3O	091396-18-8	35
4	1,1-Diphenyl-3,4-dimethyl-silacy...	264	C18H20Si	029163-98-2	35
5	Isothiocyanic acid, s-phenenyl e...	249	C9H3N3S3	101670-67-1	27





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Sample : G1787-05
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LS-SD02B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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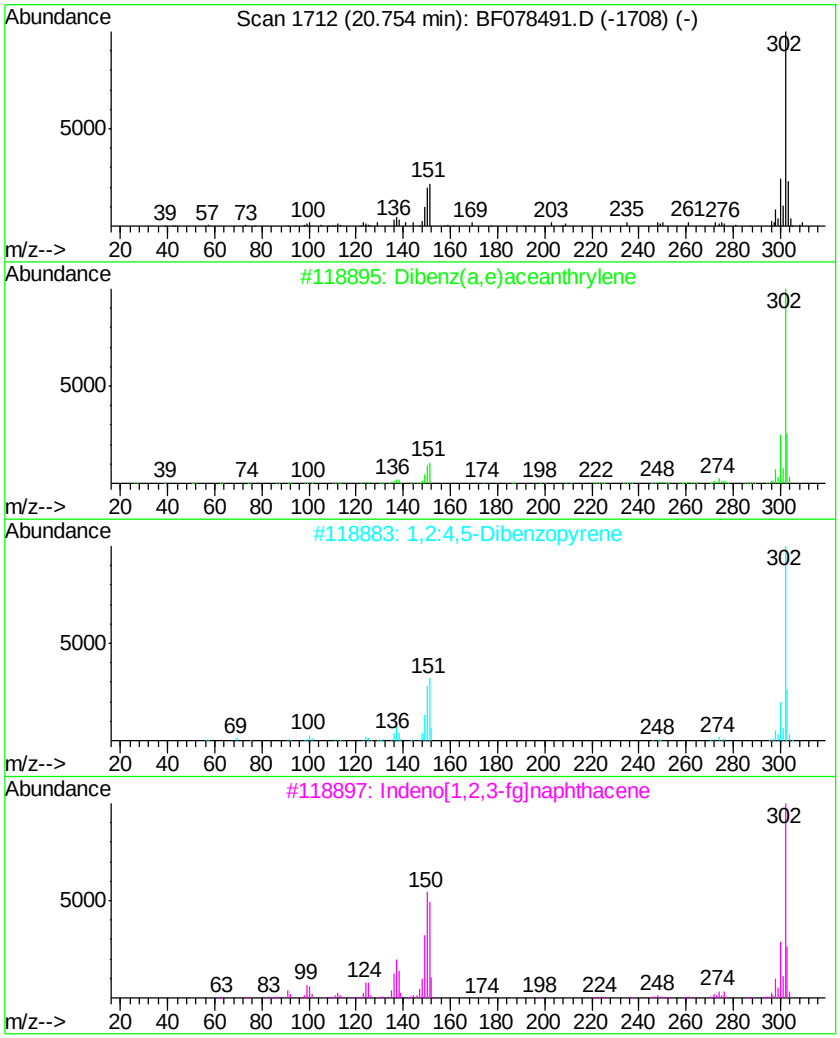
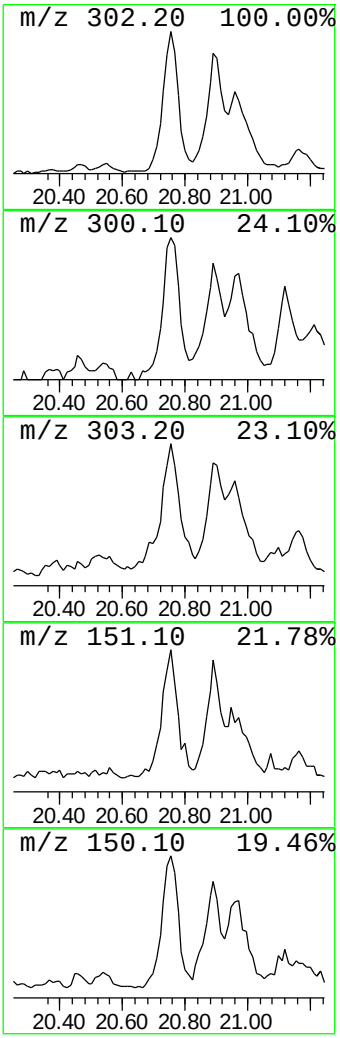
Peak Number 19 Dibenz(a,e)aceanthrylene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.75	9.79 ng	188345	Perylene-d12	17.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenz(a,e)aceanthrylene	302	C24H14	005385-75-1	95
2	1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	95
3	Indeno[1,2,3-fg]naphthacene	302	C24H14	000203-11-2	90
4	3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	89
5	3,4:9,10-Dibenzopyrene	302	C24H14	000189-55-9	89





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Operator : TP/IZ
Sample : G1787-05
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LS-SD02B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.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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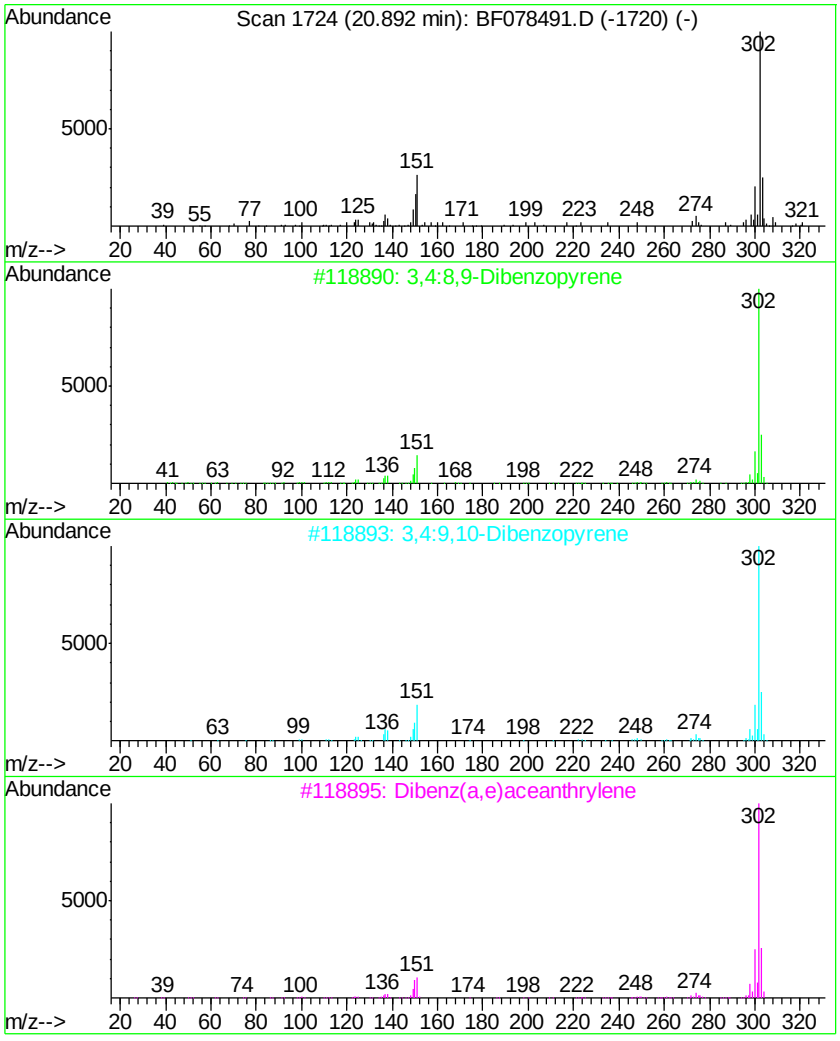
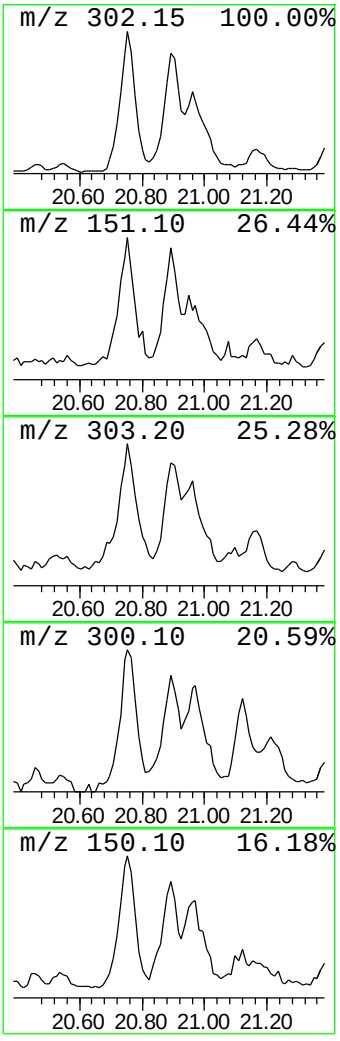
Peak Number 20 3,4:8,9-Dibenzopyrene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.89	7.17 ng	137912	Perylene-d12	17.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	95
2	3,4:9,10-Dibenzopyrene	302	C24H14	000189-55-9	90
3	Dibenz(a,e)aceanthrylene	302	C24H14	005385-75-1	89
4	1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	76
5	1,2:3,4-Dibenzopyrene	302	C24H14	000191-30-0	74





Tentatively Identified Compound (LSC) summary

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Acq On : 14 Apr 2015 7:59
Operator : TP/IZ
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Misc :
ALS Vial : 30 Sample Multiplier: 1

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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
Butane, 2-methoxy...	1.24	33.1	ng	334074	1	6.83	201987	20.0
2-Pentanone, 4-hy...	4.49	10.9	ng	109671	1	6.83	201987	20.0
unknown6.55	6.55	96.5	ng	974439	1	6.83	201987	20.0
Benzophenone	11.46	7.4	ng	125825	3	10.56	339439	20.0
Pentadecane, 2,6,...	11.77	6.7	ng	117498	4	12.39	351710	20.0
1,1'-Biphenyl, 5,...	16.34	10.8	ng	385146	5	15.65	715969	20.0
Heptadecane	17.18	15.3	ng	294618	6	17.38	384848	20.0
Vitamin E	18.14	8.3	ng	159166	6	17.38	384848	20.0
unknown18.38	18.38	9.3	ng	178055	6	17.38	384848	20.0
Benzo[b]triphenylene	18.83	12.2	ng	234726	6	17.38	384848	20.0
Pyrrolidino[3,2-b...	19.27	9.7	ng	185704	6	17.38	384848	20.0
unknown19.81	19.81	15.0	ng	288669	6	17.38	384848	20.0
Dibenz(a,e)aceant...	20.75	9.8	ng	188345	6	17.38	384848	20.0
3,4:8,9-Dibenzopy...	20.89	7.2	ng	137912	6	17.38	384848	20.0