LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081016\
Data File : BF089707.D
Acq On : 10 Aug 2016 21:13
Operator : UM/SJ
Sample : H4396-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-1(0-2)

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-BF080416.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	4.604	260	264	278	rBV	142726	355195	26.42%	2.278%
2	5.302	322	325	349	rBV	499888	1137862	84.62%	7.298%
3	5.885	374	376	386	rVB	6875	15422	1.15%	0.099%
4	6.959	467	470	476	rBV	624317	1111074	82.63%	7.127%
5	7.050	476	478	496	rVB	805371	1344636	100.00%	8.625%
6	7.405	507	509	527	rBV	162325	272538	20.27%	1.748%
7	7.633	527	529	541	rBV	644072	865049	64.33%	5.549%
8	8.308	586	588	612	rBV	378183	737763	54.87%	4.732%
9	9.428	684	686	706	rBV	296187	392850	29.22%	2.520%
10	11.211	839	842	856	rBV	936839	1220688	90.78%	7.830%
11	11.897	900	902	909	rBV	150312	179467	13.35%	1.151%
12	12.251	930	933	936	rBV	345379	441898	32.86%	2.834%
13	13.108	1005	1008	1010	rBV	22161	25710	1.91%	0.165%
14	13.462	1033	1039	1041	rBV	6745	15142	1.13%	0.097%
15	13.542	1043	1046	1054	rBV	504940	729682	54.27%	4.680%
16	13.874	1073	1075	1080	rBV	25361	47272	3.52%	0.303%
17	14.605	1137	1139	1140	rBV	12373	16885	1.26%	0.108%
18	14.640	1140	1142	1145	rBV	285101	371004	27.59%	2.380%
19	15.600	1223	1226	1228	rBV2	10159	18480	1.37%	0.119%
20	15.668	1229	1232	1234	rBV2	55848	95845	7.13%	0.615%
21	16.457	1299	1301	1307	rVB	50493	67075	4.99%	0.430%
22	16.548	1307	1309	1312	rBV	105194	110947	8.25%	0.712%
23	16.766	1325	1328	1333	rBV	86269	141833	10.55%	0.910%
24	17.017	1347	1350	1356	rBV	778793	921019	68.50%	5.908%
25	17.589	1398	1400	1403	rVB2	18534	21130	1.57%	0.136%
26	18.309	1458	1463	1465	rBV3	51609	122347	9.10%	0.785%
27	18.354	1465	1467	1476	rVB2	231704	357003	26.55%	2.290%
28	19.074	1528	1530	1532	rBV	55817	65396	4.86%	0.419%
29	19.120	1532	1534	1538	rVB3	19052	41334	3.07%	0.265%
30	19.383	1554	1557	1560	rBV3	10176	17379	1.29%	0.111%
31	19.440	1560	1562	1564	rBV2	11092	17784	1.32%	0.114%
32	19.509	1564	1568	1571	rBV2	18855	30388	2.26%	0.195%
33	19.646	1577	1580	1585	rVB3	18763	51692	3.84%	0.332%
34	19.726	1585	1587	1591	rVB3	9204	14791	1.10%	0.095%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081016\
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Acq On : 10 Aug 2016 21:13
Operator : UM/SJ
Sample : H4396-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-1(0-2)

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-BF080416.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	19.806	1591	1594	1597	rBV	240873	298669	22.21%	1.916%
36	19.863	1597	1599	1601	rVV3	17496	36042	2.68%	0.231%
37	19.909	1601	1603	1606	rVB2	65828	82598	6.14%	0.530%
38	20.023	1611	1613	1619	rVV	176706	291472	21.68%	1.870%
39	20.149	1621	1624	1627	rVV4	17663	34898	2.60%	0.224%
40	20.206	1627	1629	1631	rVV3	8865	17567	1.31%	0.113%
41	20.297	1635	1637	1641	rVV3	20152	38650	2.87%	0.248%
42	20.377	1642	1644	1649	rVV2	14038	33437	2.49%	0.214%
43	20.492	1651	1654	1656	rVV	155518	232354	17.28%	1.490%
44	20.549	1656	1659	1663	rVV3	51070	164397	12.23%	1.054%
45	20.663	1667	1669	1675	rVB2	42449	80822	6.01%	0.518%
46	20.892	1685	1689	1692	rBV2	28274	55644	4.14%	0.357%
47	21.086	1703	1706	1712	rVB3	15239	26738	1.99%	0.172%
48	21.235	1714	1719	1722	rBV3	27639	71720	5.33%	0.460%
49	21.315	1723	1726	1732	rVV2	22701	65053	4.84%	0.417%
50	21.463	1735	1739	1744	rVB5	32045	88053	6.55%	0.565%
51	21.555	1744	1747	1751	rBV2	65420	122733	9.13%	0.787%
52	21.635	1751	1754	1759	rBV	191215	467038	34.73%	2.996%
53	21.738	1759	1763	1766	rVV3	68023	222886	16.58%	1.430%
54	21.829	1768	1771	1775	rVV	64224	160668	11.95%	1.031%
55	21.943	1775	1781	1783	rVV3	70630	262439	19.52%	1.683%
56	22.000	1783	1786	1791	rVB3	119907	320862	23.86%	2.058%
57	22.115	1792	1796	1799	rBV4	24010	75309	5.60%	0.483%
58	22.218	1800	1805	1810	rBV4	78377	308584	22.95%	1.979%
59	22.366	1815	1818	1823	rVB	54614	125047	9.30%	0.802%
60	22.606	1833	1839	1844	rVB4	39102	123715	9.20%	0.794%
61	22.880	1858	1863	1869	rBV4	14652	57621	4.29%	0.370%
62	23.006	1869	1874	1877	rVV4	22102	76541	5.69%	0.491%
63	23.098	1877	1882	1891	rVB2	86333	248430	18.48%	1.593%
64	23.978	1954	1959	1963	rVB7	6473	25913	1.93%	0.166%

Sum of corrected areas: 15590480

LSC Report - Integrated Chromatogram

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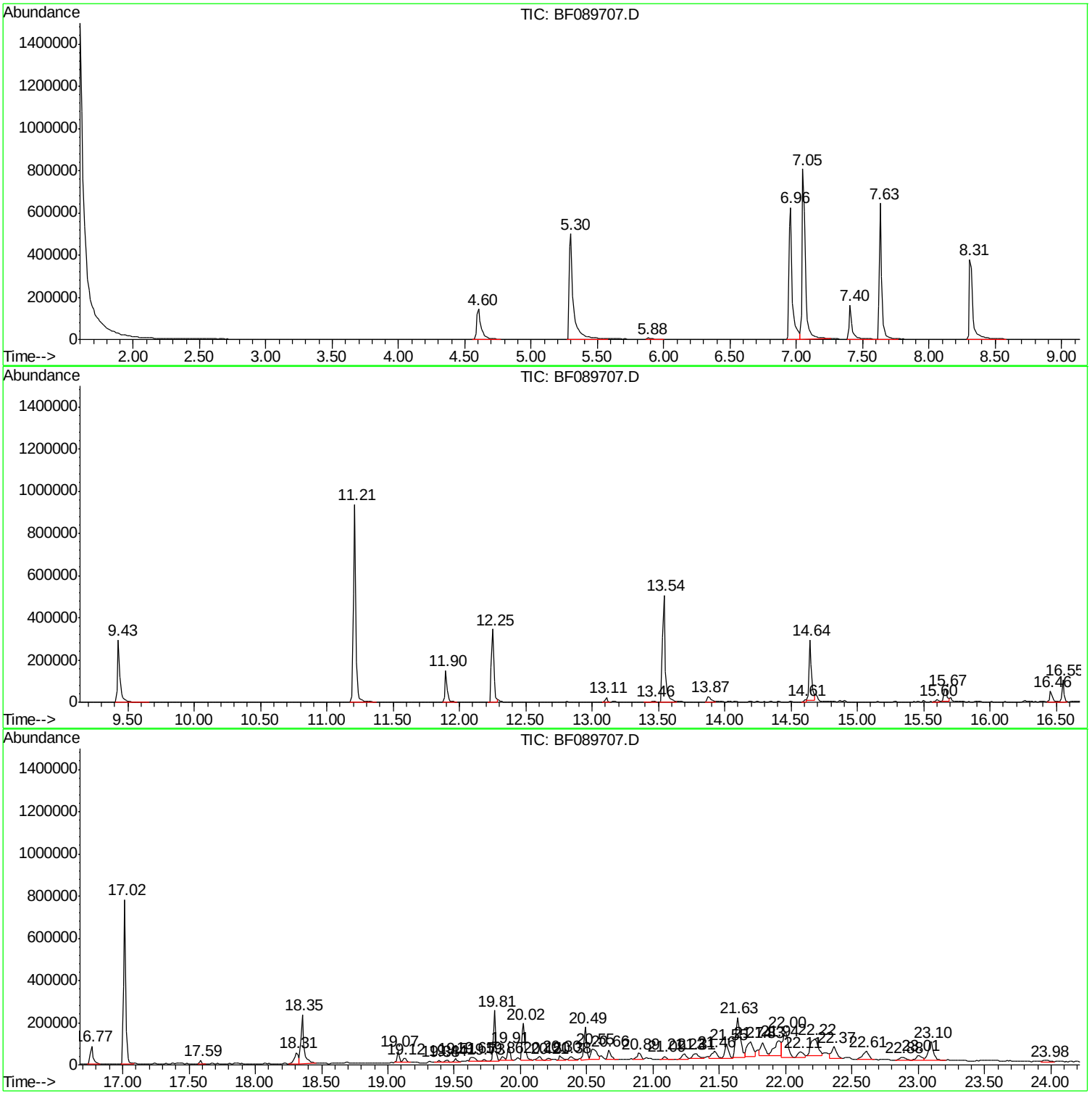
Data File : BF089707.D
Acq On : 10 Aug 2016 21:13
Operator : UM/SJ
Sample : H4396-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-1(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081016\
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Operator : UM/SJ
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Instrument : BNA_F
ClientSampleId : SP-1(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080416.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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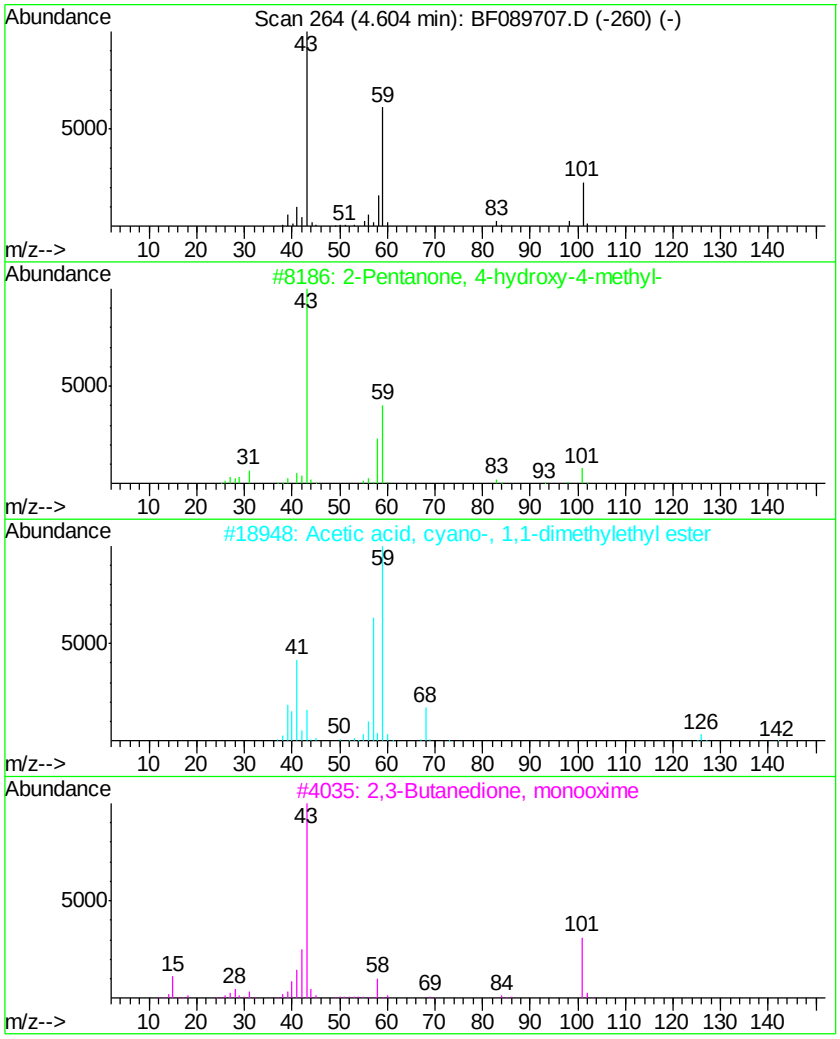
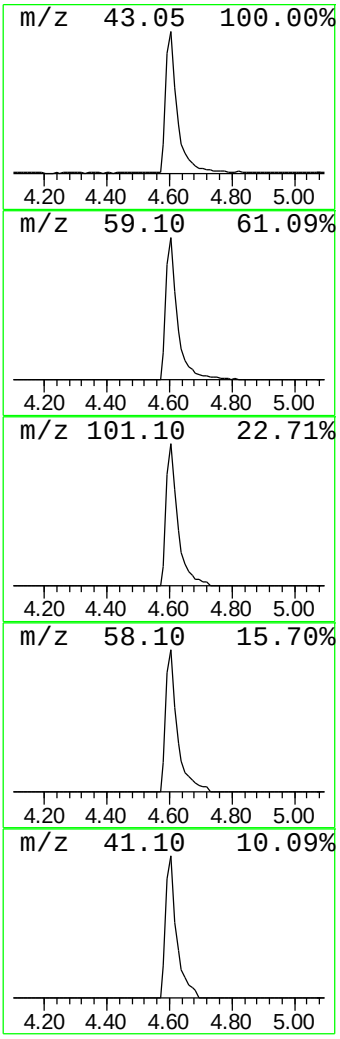
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.60	26.07 ng	355195	1,4-Dichlorobenzene-d4	7.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
4	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081016\
Data File : BF089707.D
Acq On : 10 Aug 2016 21:13
Operator : UM/SJ
Sample : H4396-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-1(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080416.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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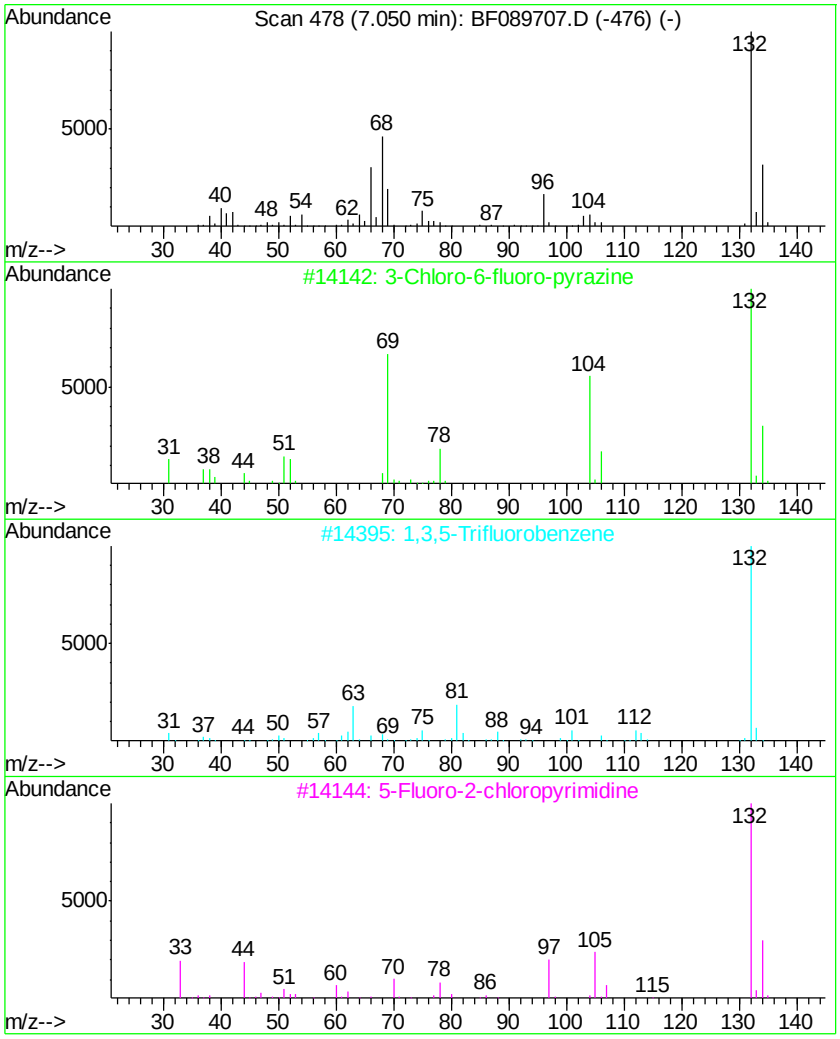
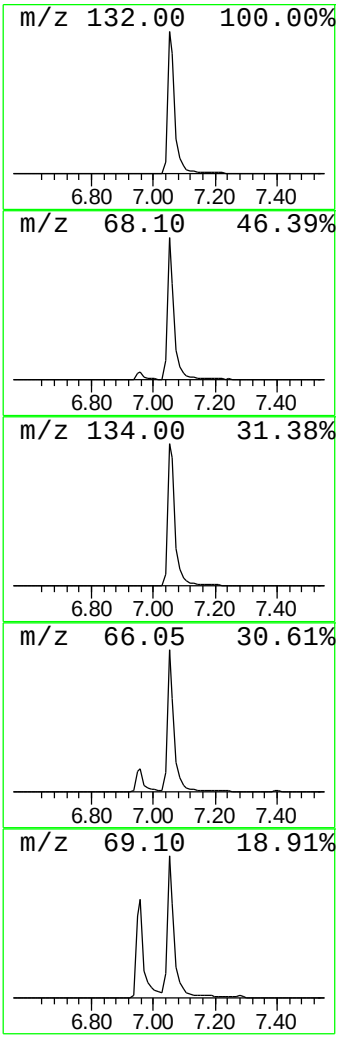
Peak Number 2 unknown7.05 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.05	98.68 ng	1344640	1,4-Dichlorobenzene-d4	7.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	14
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
4	5-Aminoindole	132	C8H8N2	005192-03-0	12
5	(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	10





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Sample : H4396-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-1(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080416.M
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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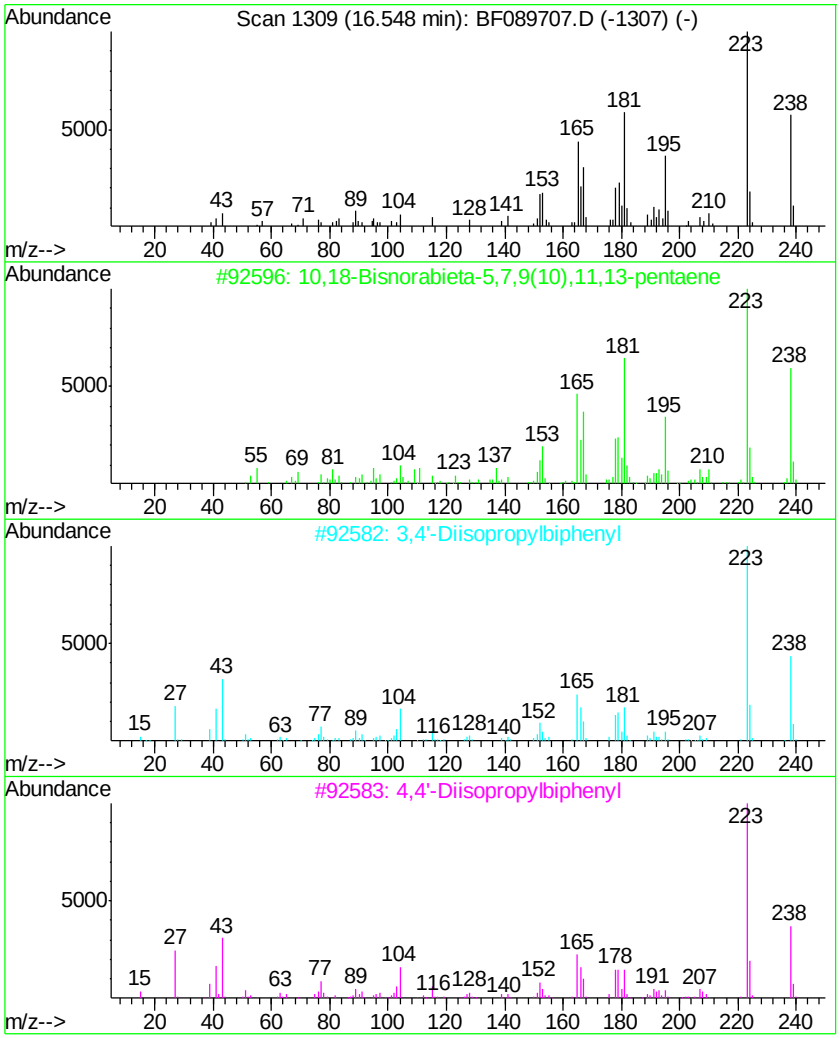
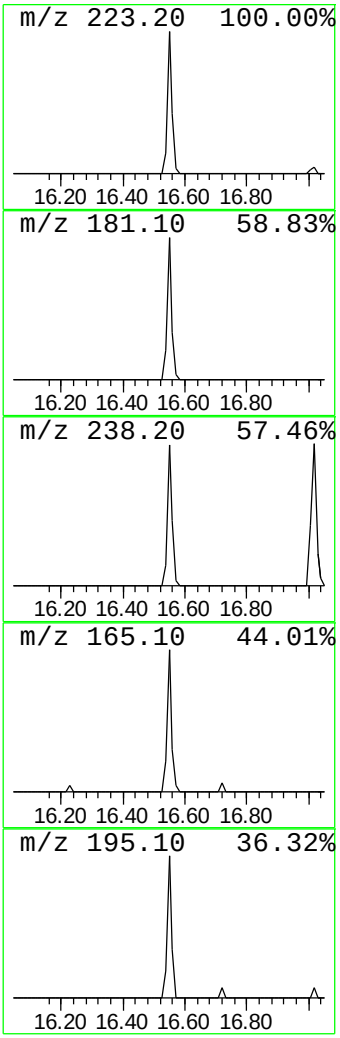
Peak Number 4 10,18-Bisnorabieta-5,7,9(10... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.55	6.22 ng	110947	Chrysene-d12	18.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10,18-Bisnorabieta-5,7,9(10),11,...	238	C18H22	006566-19-4	99
2	3,4'-Diisopropylbiphenyl	238	C18H22	061434-46-6	58
3	4,4'-Diisopropylbiphenyl	238	C18H22	018970-30-4	55
4	3-(N,N-Diethylamino)carbazole	238	C16H18N2	054994-31-9	49
5	Anthracene, 9,10-dimethoxy-	238	C16H14O2	002395-97-3	41





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081016\
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Acq On : 10 Aug 2016 21:13
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Sample : H4396-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-1(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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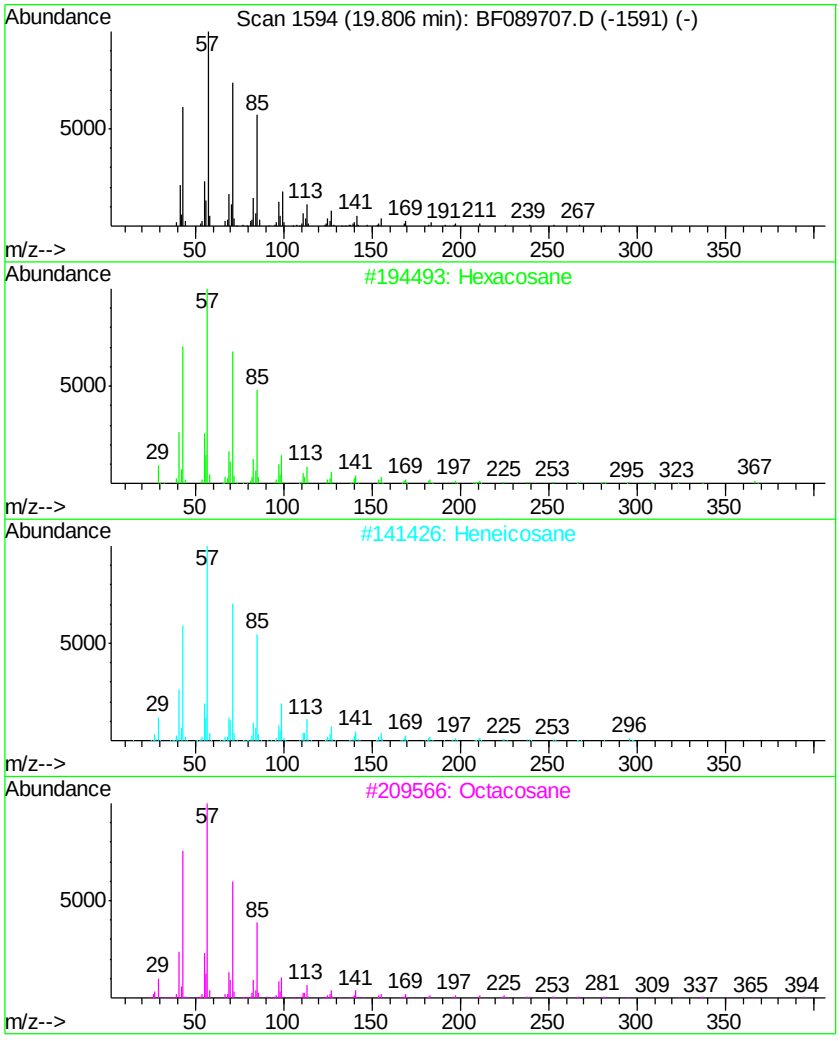
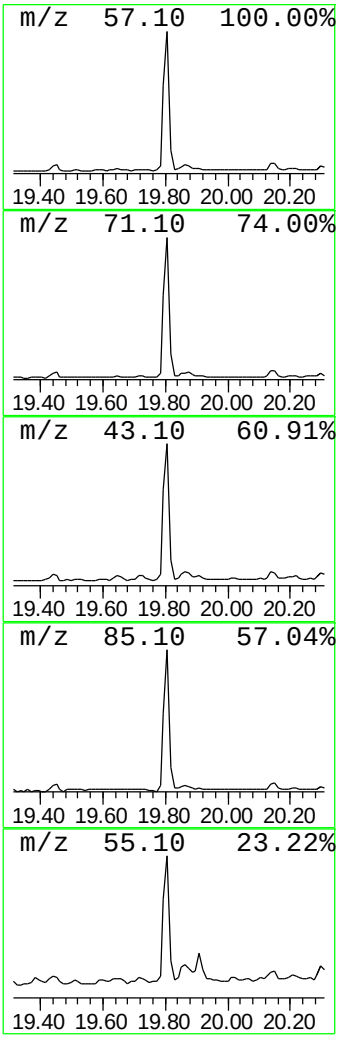
Peak Number 5 Hexacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.81	20.49 ng	298669	Perylene-d12	20.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	94
2	Heneicosane	296	C21H44	000629-94-7	91
3	Octacosane	394	C28H58	000630-02-4	91
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5	2-methyloctacosane	408	C29H60	1000376-72-8	91





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Sample : H4396-02
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ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-1(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080416.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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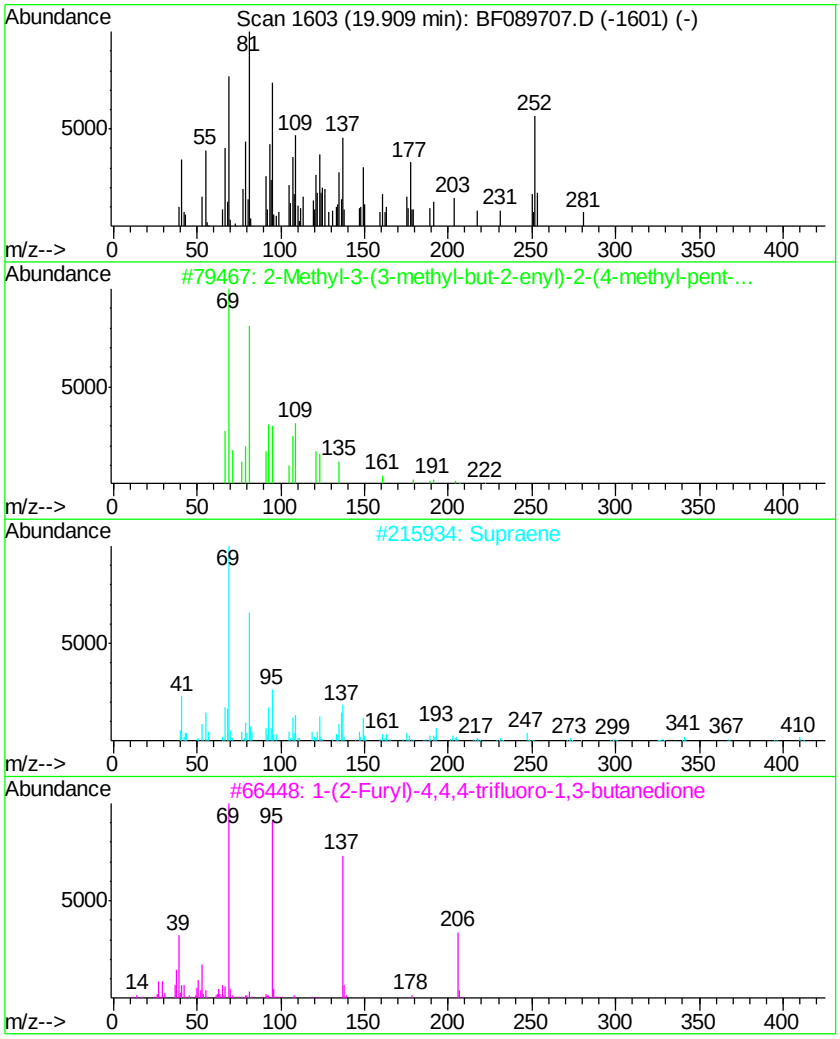
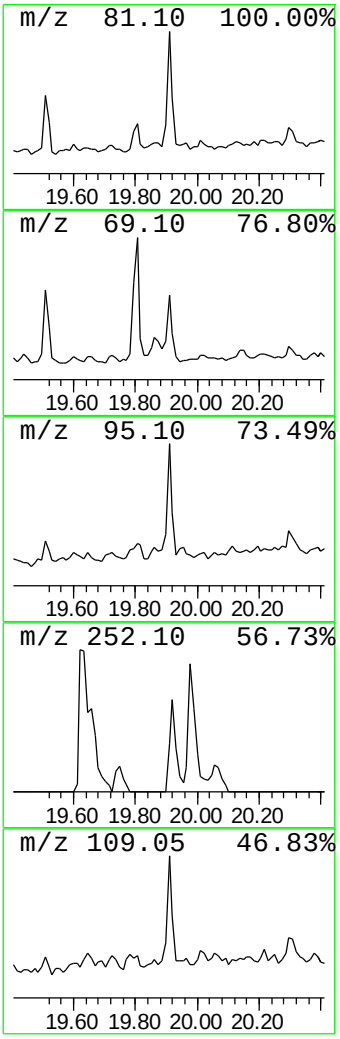
Peak Number 6 unknown19.91 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.91	5.67 ng	82598	Perylene-d12	20.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methyl-3-(3-methyl-but-2-enyl)...	222	C15H26O	1000144-10-2	43
2	Supraene	410	C30H50	007683-64-9	38
3	1-(2-Furyl)-4,4,4-trifluoro-1,3-...	206	C8H5F3O3	000326-90-9	35
4	1,1,6-trimethyl-3-methylene-2-(3...	452	C33H56	1000373-94-5	30
5	Citral	152	C10H16O	005392-40-5	22





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ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-1(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080416.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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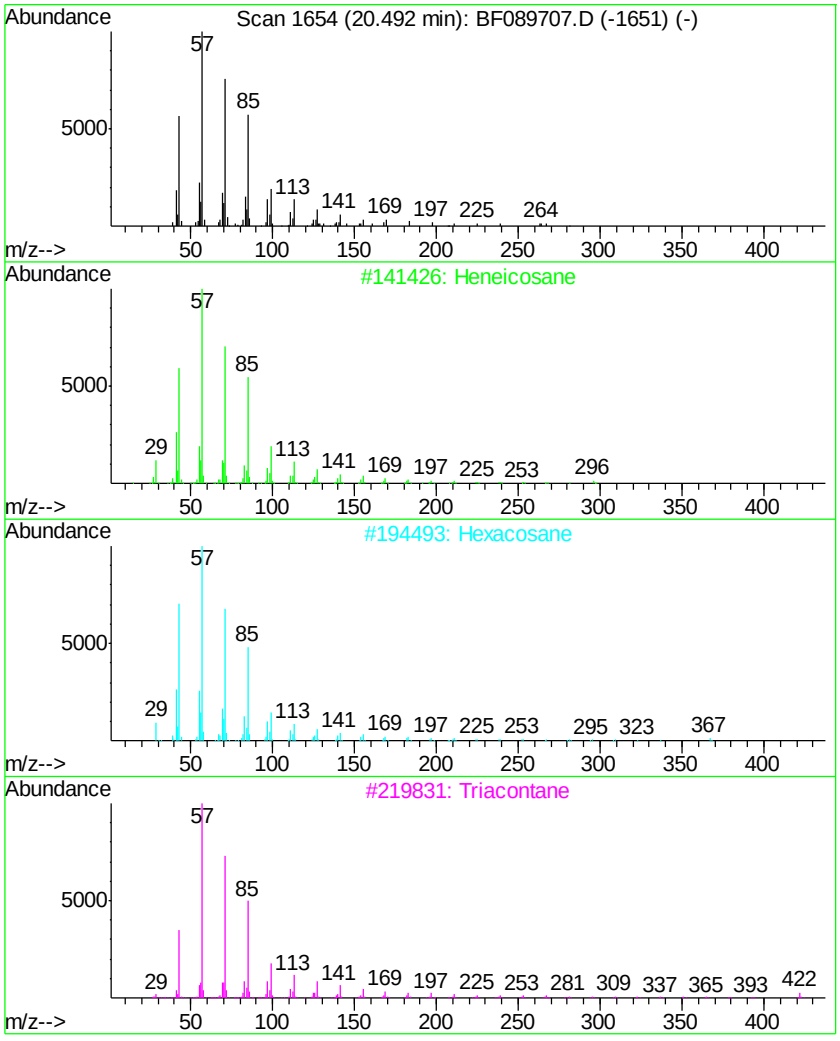
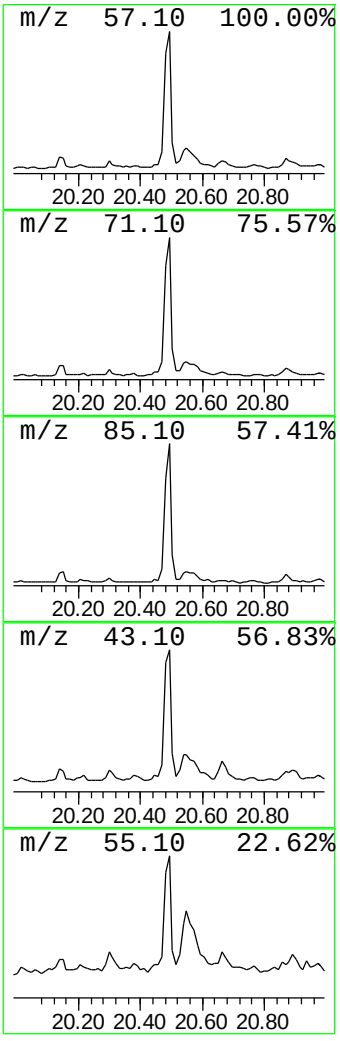
Peak Number 7 Heneicosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.49	15.94 ng	232354	Perylene-d12	20.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Hexacosane	366	C26H54	000630-01-3	91
3	Triacontane	422	C30H62	000638-68-6	91
4	2-methyloctacosane	408	C29H60	1000376-72-8	91
5	Octacosane	394	C28H58	000630-02-4	91





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Data File : BF089707.D
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Sample : H4396-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-1(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080416.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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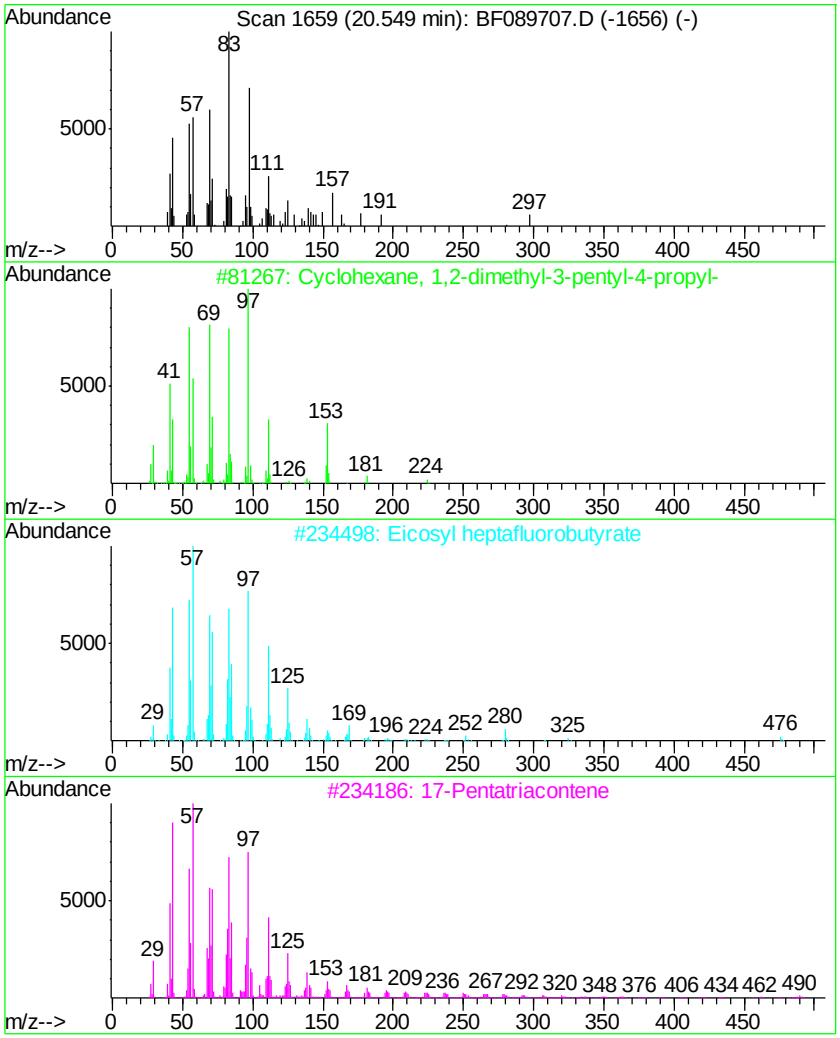
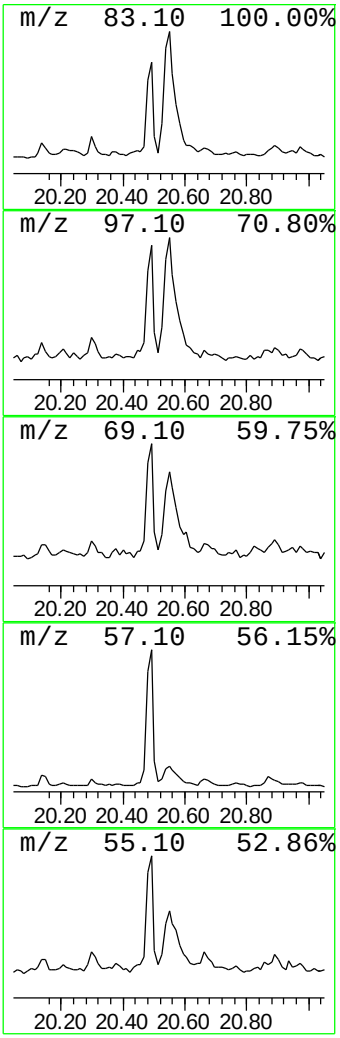
Peak Number 8 unknown20.55 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.55	11.28 ng	164397	Perylene-d12	20.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2-dimethyl-3-pent...	224	C16H32	062376-17-4	49
2	Eicosyl heptafluorobutyrate	494	C24H41F7O2	1000351-83-5	41
3	17-Pentatriacontene	491	C35H70	006971-40-0	38
4	Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	38
5	Pentafluoropropionic acid, octad...	416	C21H37F5O2	959261-25-7	38





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081016\
Data File : BF089707.D
Acq On : 10 Aug 2016 21:13
Operator : UM/SJ
Sample : H4396-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-1(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080416.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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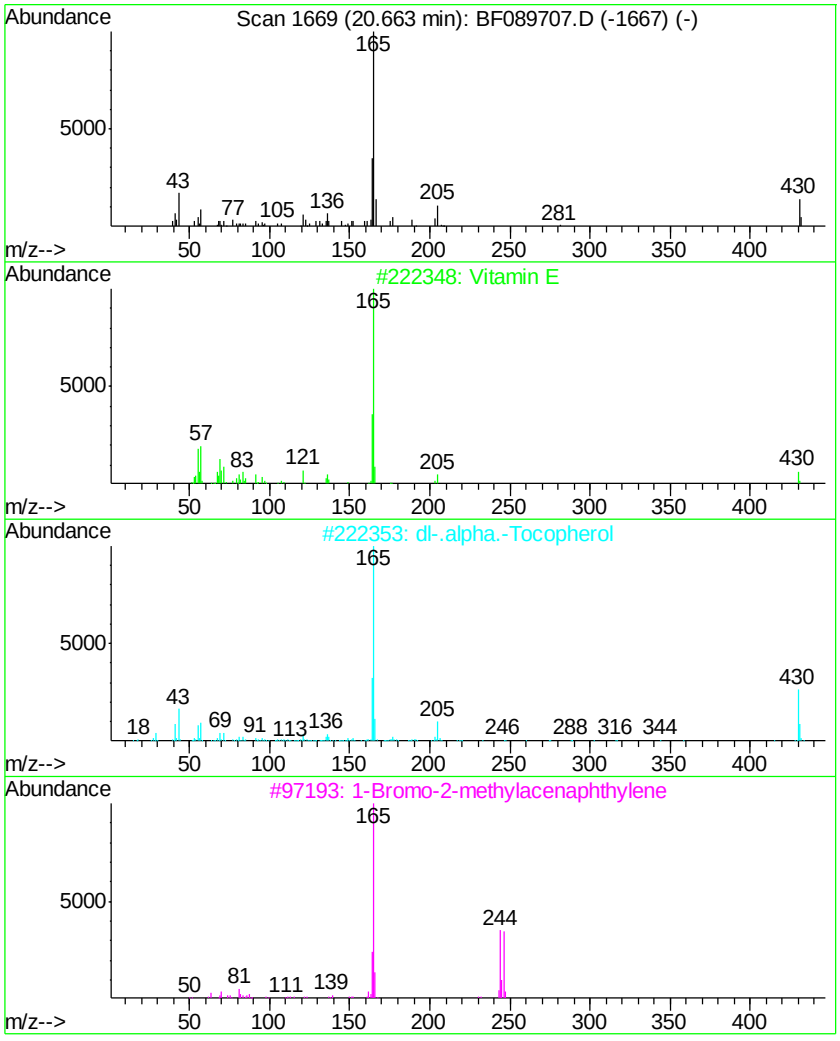
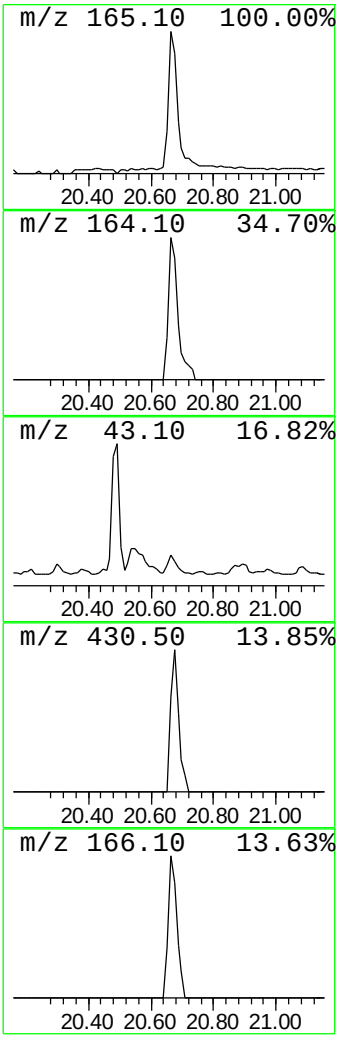
Peak Number 9 Vitamin E Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.66	5.55 ng	80822	Perylene-d12	20.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Vitamin E	430	C29H50O2	000059-02-9	95
2	dl-.alpha.-Tocopherol	430	C29H50O2	010191-41-0	94
3	1-Bromo-2-methylacenaphthylene	244	C13H9Br	137989-93-6	53
4	Propanenitrile, 3-[methyl(4-nitr...	205	C10H11N3O2	097473-81-9	50
5	3-[(5-Isobutyl-2-methyl-furan-3-...	301	C17H19NO4	1000295-19-6	43





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Acq On : 10 Aug 2016 21:13
Operator : UM/SJ
Sample : H4396-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-1(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080416.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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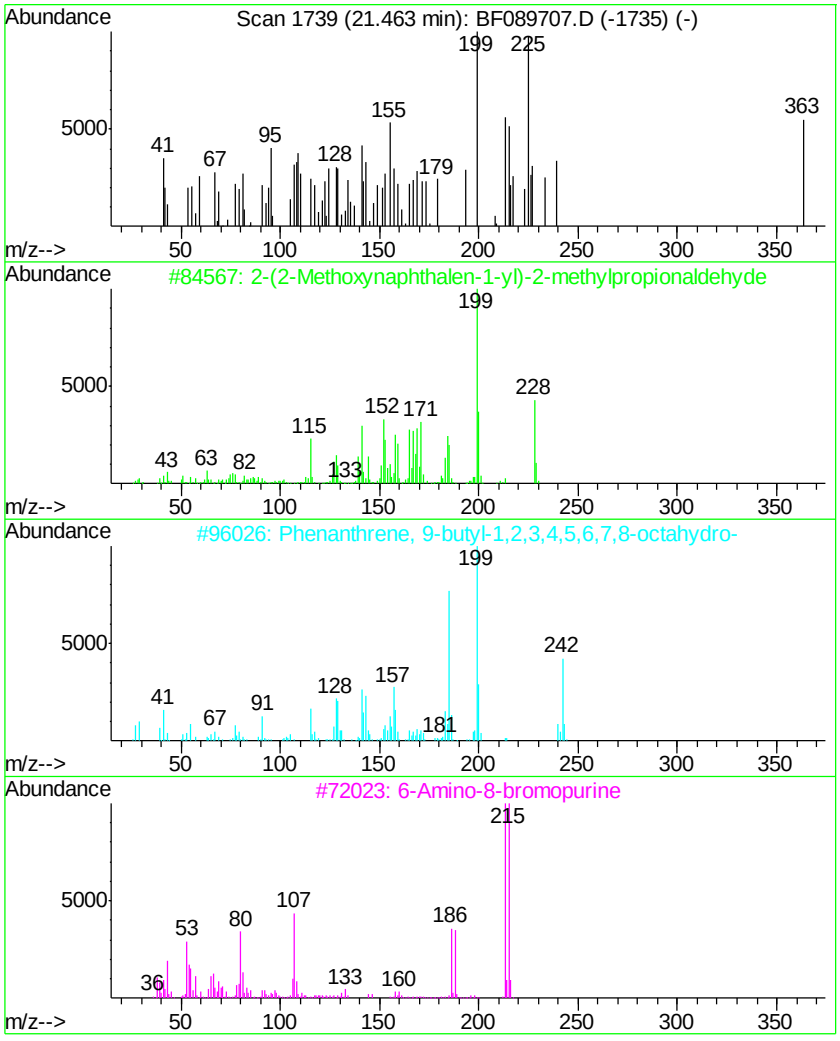
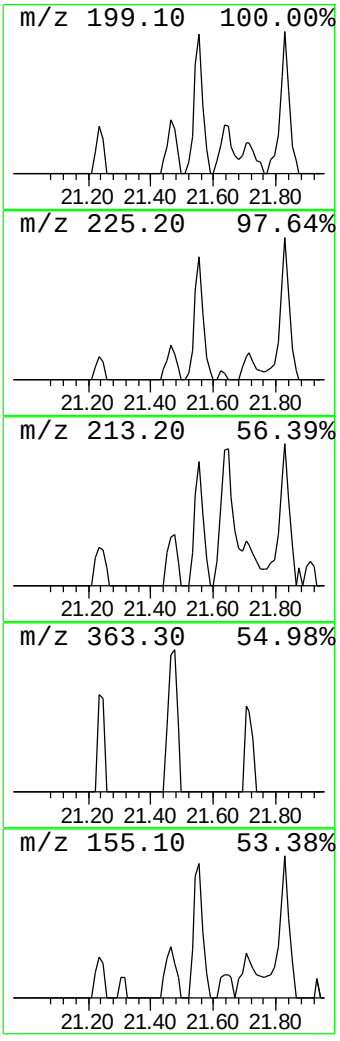
Peak Number 10 unknown21.46 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.46	6.04 ng	88053	Perylene-d12	20.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-(2-Methoxynaphthalen-1-yl)-2-m...	228	C15H16O2	032454-20-9	10
2	Phenanthrene, 9-butyl-1,2,3,4,5,...	242	C18H26	016703-29-0	10
3	6-Amino-8-bromopurine	213	C5H4BrN5	006974-78-3	10
4	Thieno[3,2-c]pyridine, 3-bromo-	213	C7H4BrNS	028783-18-8	10
5	7-Amino-3-bromo-pyrazolo[4,3-d]p...	213	C5H4BrN5	1000214-50-6	10





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Misc :
ALS Vial : 8 Sample Multiplier: 1

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ClientSampleId : SP-1(0-2)

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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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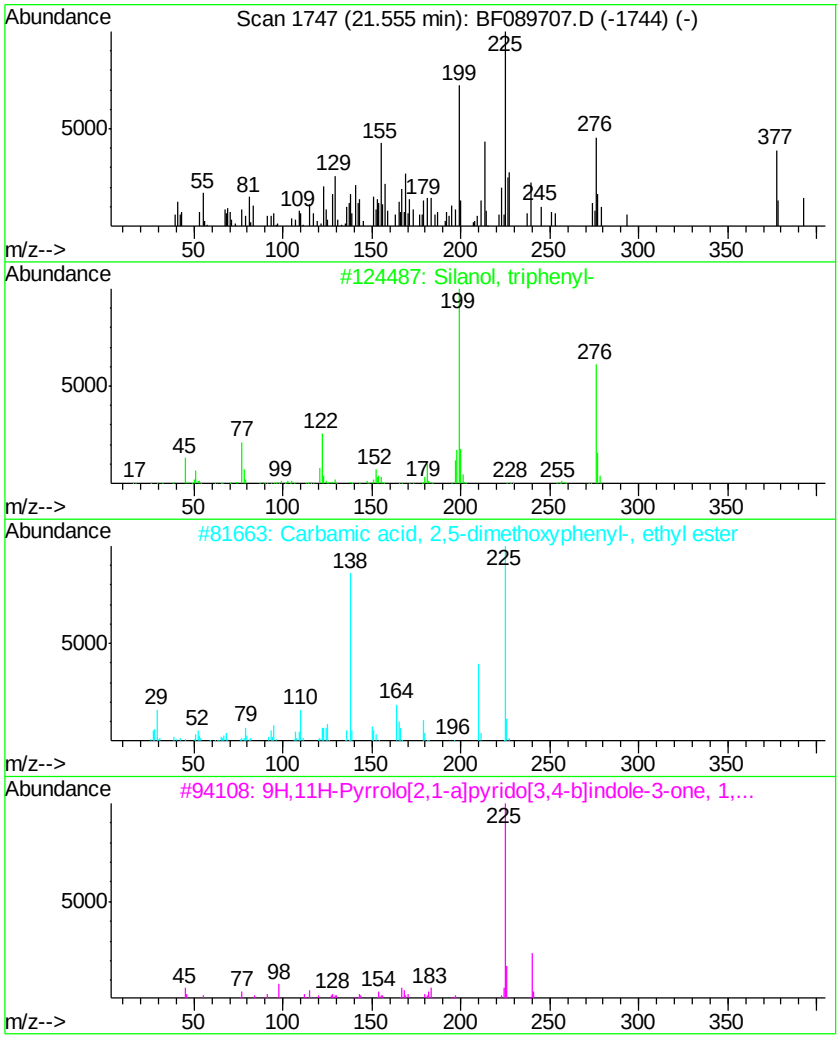
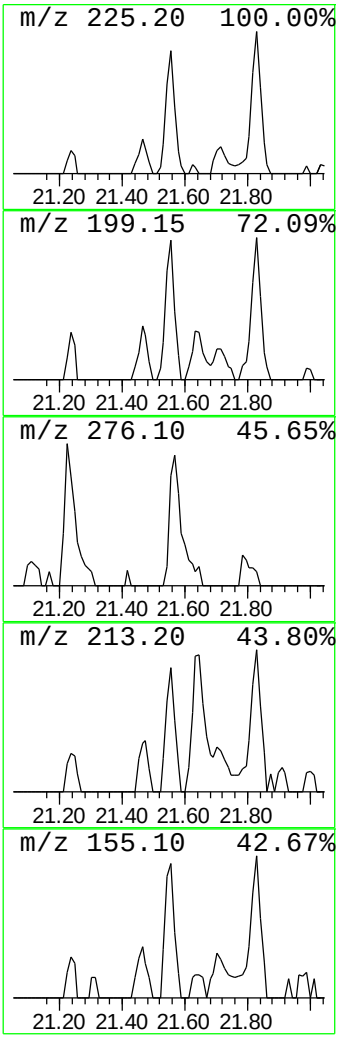
Peak Number 11 unknown21.55 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.55	8.42 ng	122733	Perylene-d12	20.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silanol, triphenyl-	276	C18H16OSi	000791-31-1	11
2	Carbamic acid, 2,5-dimethoxyphen...	225	C11H15NO4	1000314-76-1	11
3	9H,11H-Pyrrolo[2,1-a]pyrido[3,4-...	240	C15H16N2O	1000137-90-4	10
4	(3-Isopropyl-5-methylamino-2,4,6...	225	C14H15N3	014204-00-3	10
5	Urea, N-methoxy-N'-(3'-methoxy[1...	272	C15H16N2O3	056666-85-4	10





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ClientSampleId : SP-1(0-2)

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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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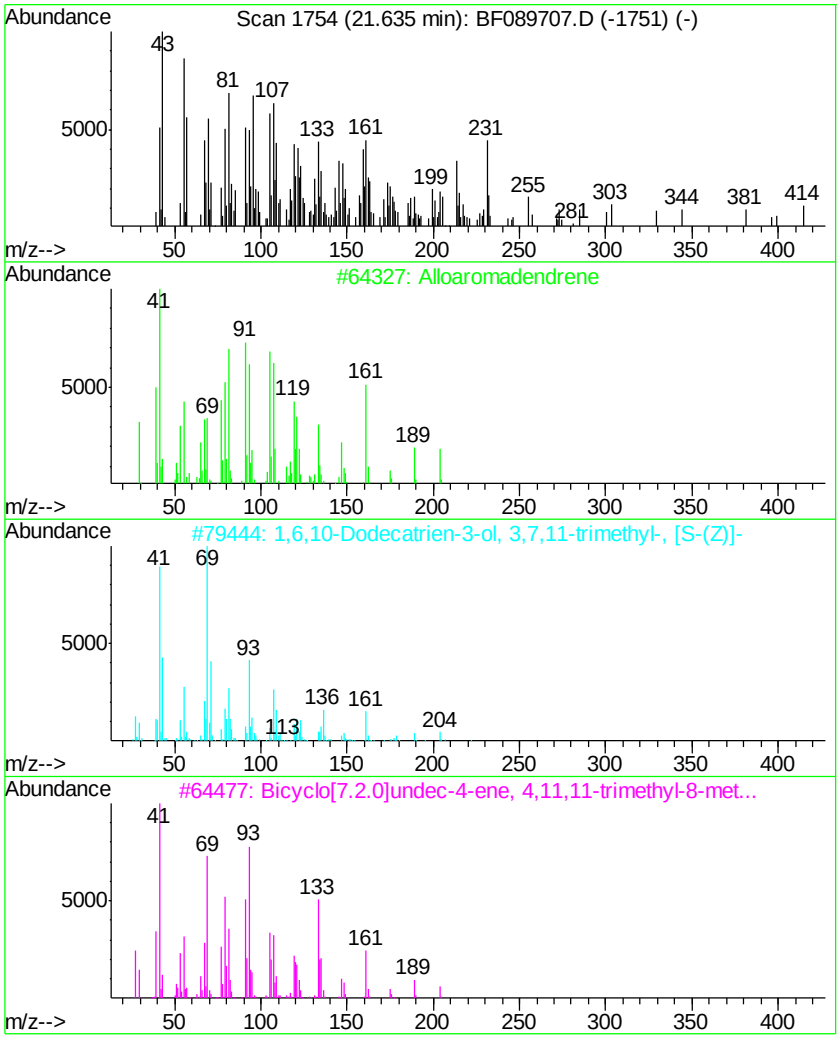
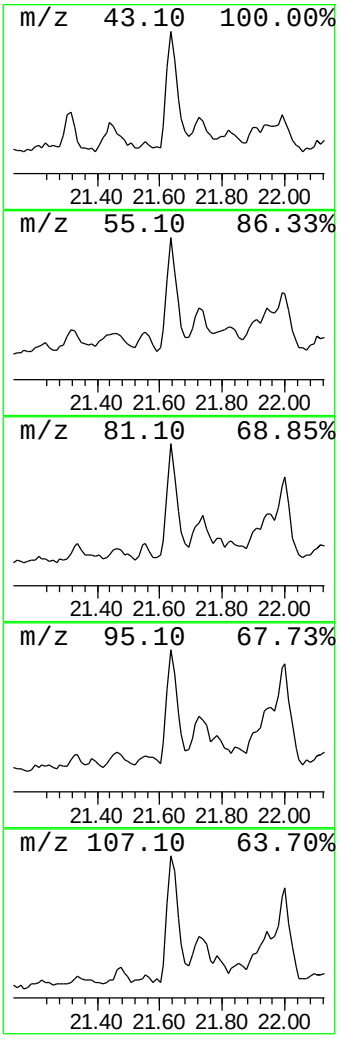
Peak Number 12 unknown21.63 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.63	32.05 ng	467038	Perylene-d12	20.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Alloaromadendrene	204	C15H24	025246-27-9	42
2	1,6,10-Dodecatrien-3-ol, 3,7,11-...	222	C15H26O	000142-50-7	25
3	Bicyclo[7.2.0]undec-4-ene, 4,11,...	204	C15H24	000118-65-0	25
4	1H-Cycloprop[e]azulen-4-ol, deca...	222	C15H26O	000552-02-3	25
5	5,9-Undecadien-1-yne, 6,10-dimet...	176	C13H20	100451-98-7	22





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ClientSampleId : SP-1(0-2)

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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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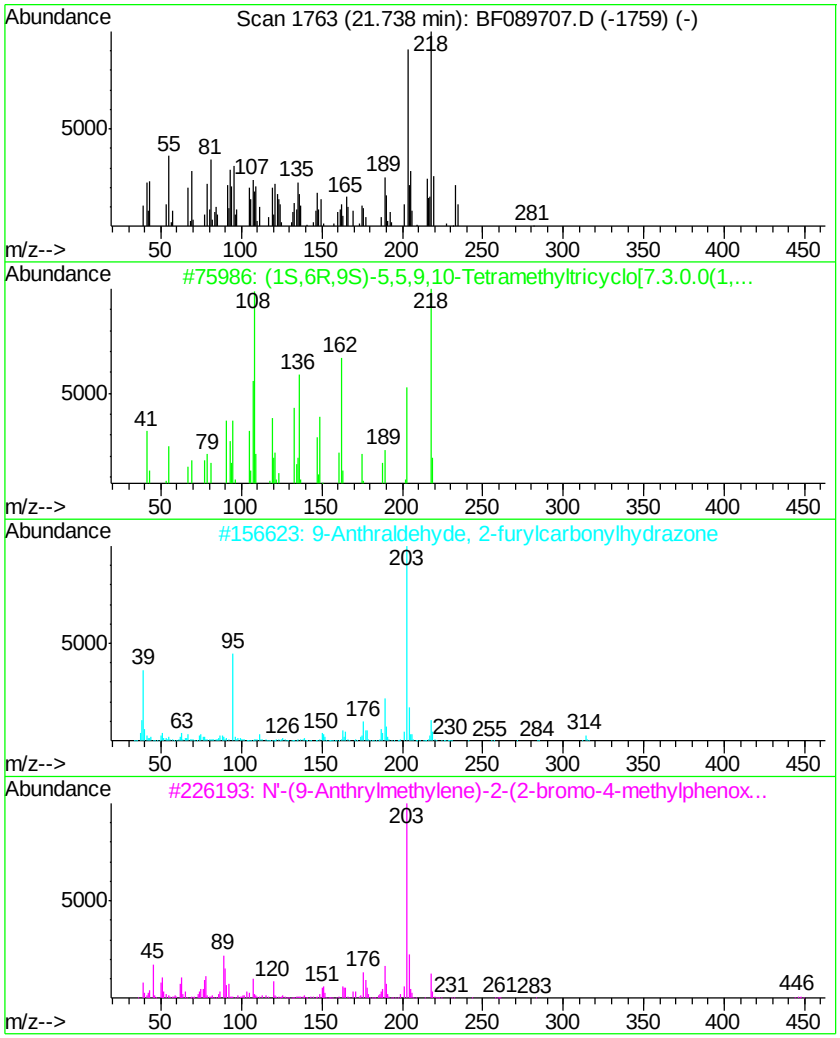
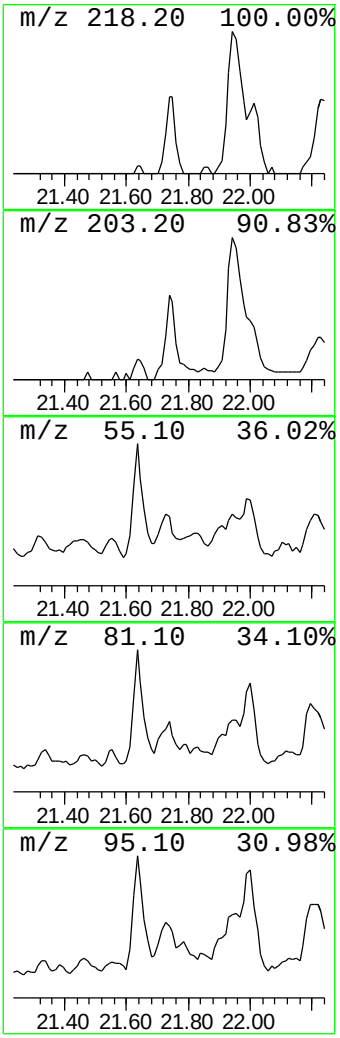
Peak Number 13 unknown21.74 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.74	15.29 ng	222886	Perylene-d12	20.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(1S,6R,9S)-5,5,9,10-Tetramethylt...	218	C16H26	1000298-97-8	43
2	9-Anthraldehyde, 2-furylcarbonyl...	314	C20H14N2O2	292180-87-1	35
3	N'-(9-Anthrylmethylene)-2-(2-bro...	446	C24H19BrN2O2	339108-22-4	27
4	Benzo[b]naphtho[2,3-d]furan	218	C16H10O	000243-42-5	27
5	9-(Cyanomethylene)fluorene	203	C15H9N	004425-74-5	25





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ALS Vial : 8 Sample Multiplier: 1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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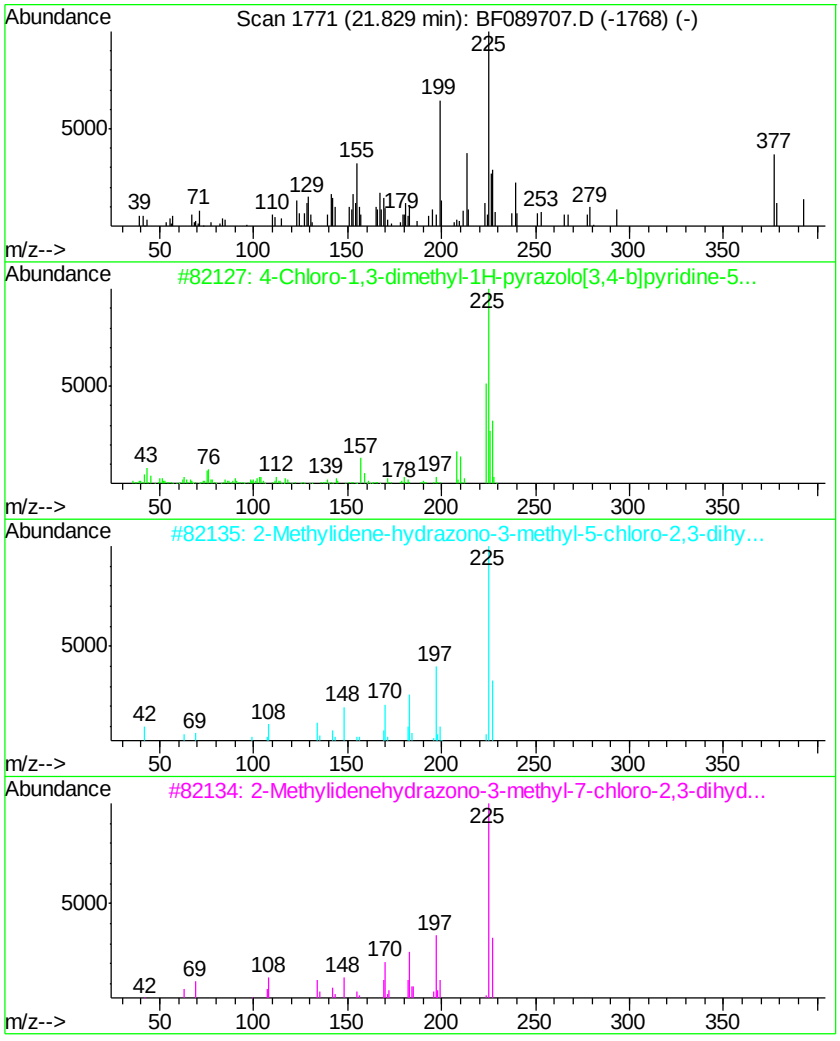
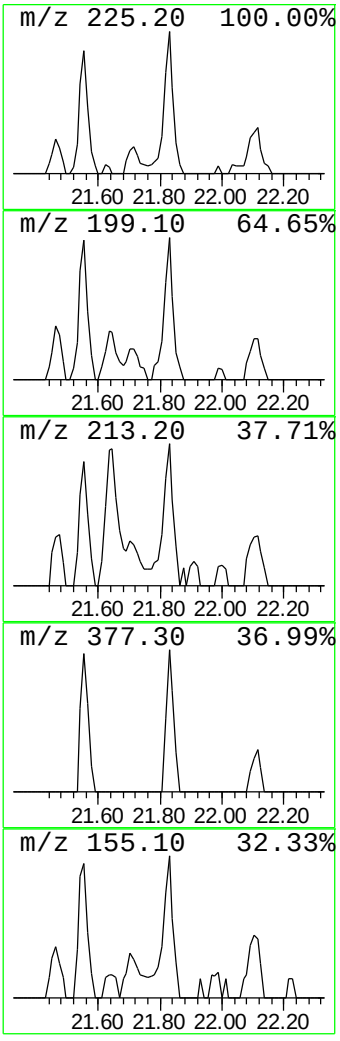
Peak Number 14 unknown21.83 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.83	11.02 ng	160668	Perylene-d12	20.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-1,3-dimethyl-1H-pyrazol...	225	C9H8ClN3O2	1000293-90-4	35
2	2-Methylidene-hydrazono-3-methyl...	225	C9H8ClN3S	1000147-91-3	27
3	2-Methylidenehydrazono-3-methyl-...	225	C9H8ClN3S	1000147-91-6	27
4	Z,E,E-13-Hydroxyoctadeca-6,9,11-...	380	C22H40O3Si	1000368-66-2	27
5	4-Amino-4'-methoxystilbene	225	C15H15NO	007570-37-8	22





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ALS Vial : 8 Sample Multiplier: 1

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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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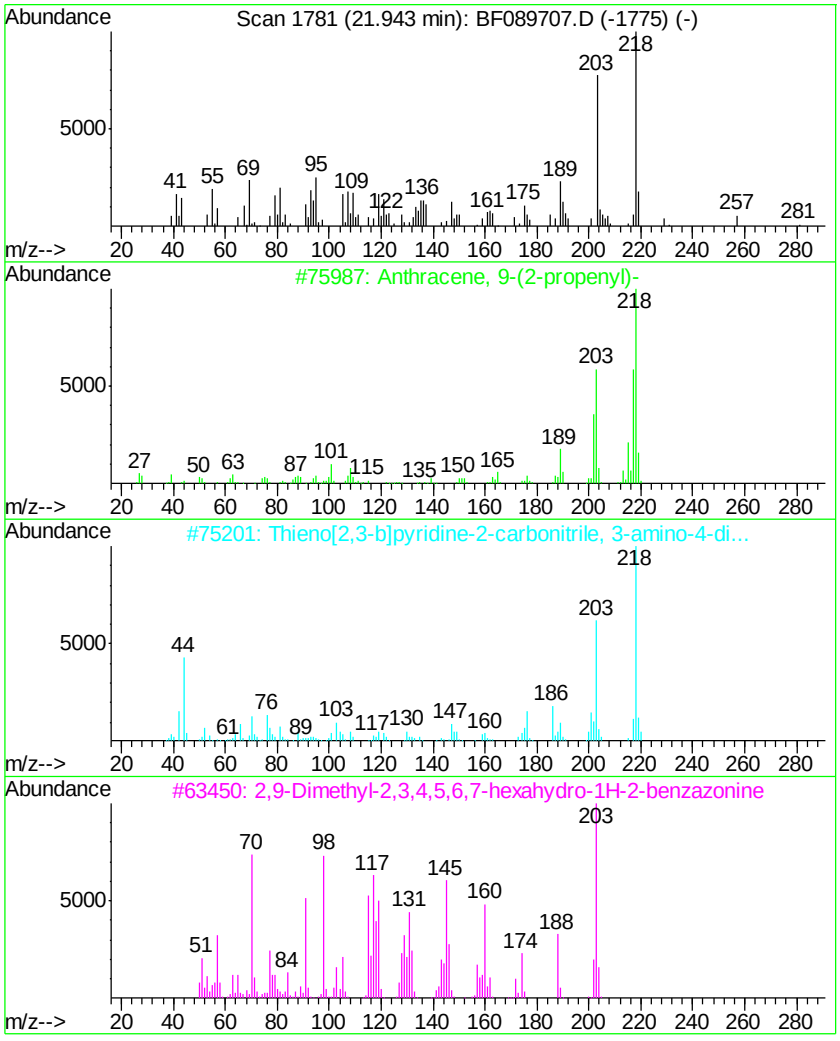
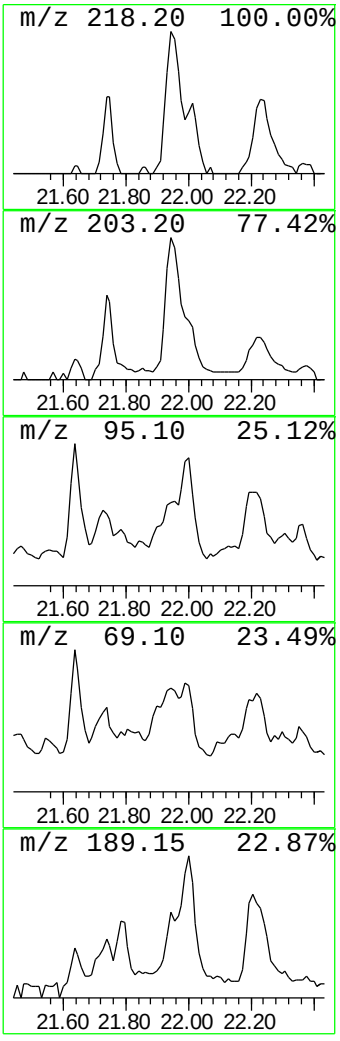
Peak Number 15 Anthracene, 9-(2-propenyl)- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.94	18.01 ng	262439	Perylene-d12	20.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-(2-propenyl)-	218	C17H14	023707-65-5	74
2	Thieno[2,3-b]pyridine-2-carbonit...	218	C10H10N4S	147992-88-9	64
3	2,9-Dimethyl-2,3,4,5,6,7-hexahyd...	203	C14H21N	077581-11-4	60
4	8-Amino-6,7-dimethoxy-4-methylqu...	218	C12H14N2O2	1000213-07-2	58
5	Pyrene, hexadecahydro-	218	C16H26	002435-85-0	50





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Misc :
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Instrument : BNA_F
ClientSampleId : SP-1(0-2)

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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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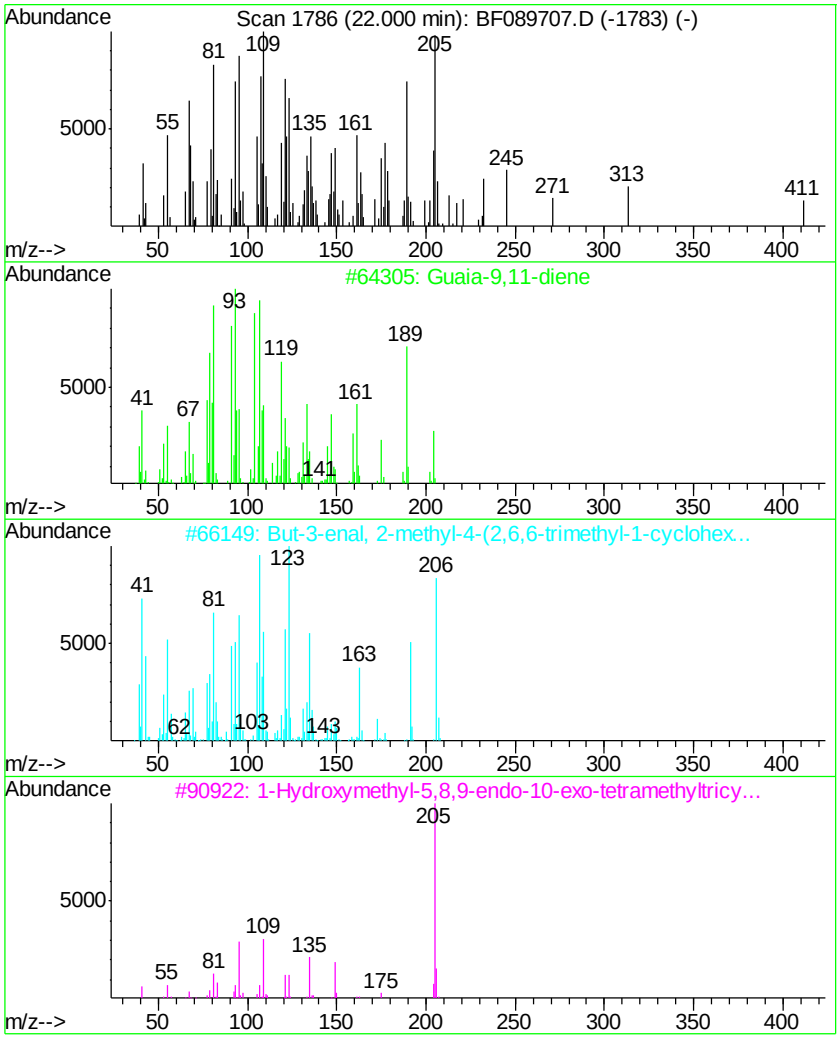
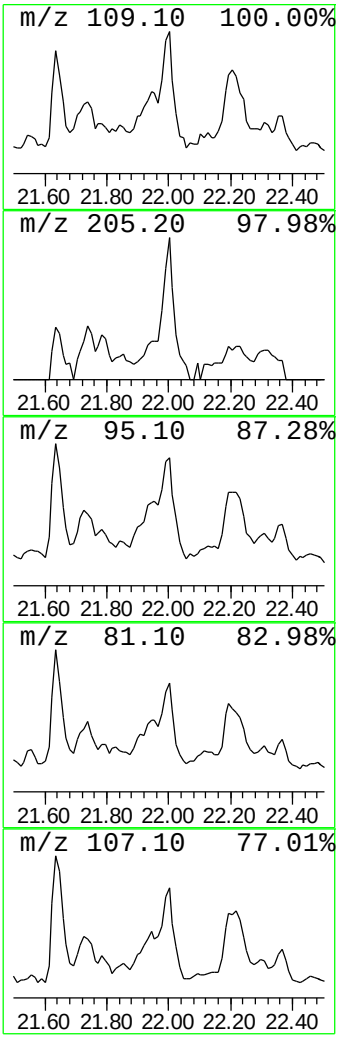
Peak Number 16 Guaia-9,11-diene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.00	22.02 ng	320862	Perylene-d12	20.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Guaia-9,11-diene	204	C15H24	1000374-19-8	52
2	But-3-enal, 2-methyl-4-(2,6,6-tr...	206	C14H22O	104900-59-6	42
3	1-Hydroxymethyl-5,8,9-endo-10-ex...	236	C16H28O	1000140-32-9	38
4	Naphthalene, decahydro-4a-methyl...	204	C15H24	000515-17-3	35
5	1-(2-Pyridyl)piperazine	163	C9H13N3	034803-66-2	30





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Sample : H4396-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-1(0-2)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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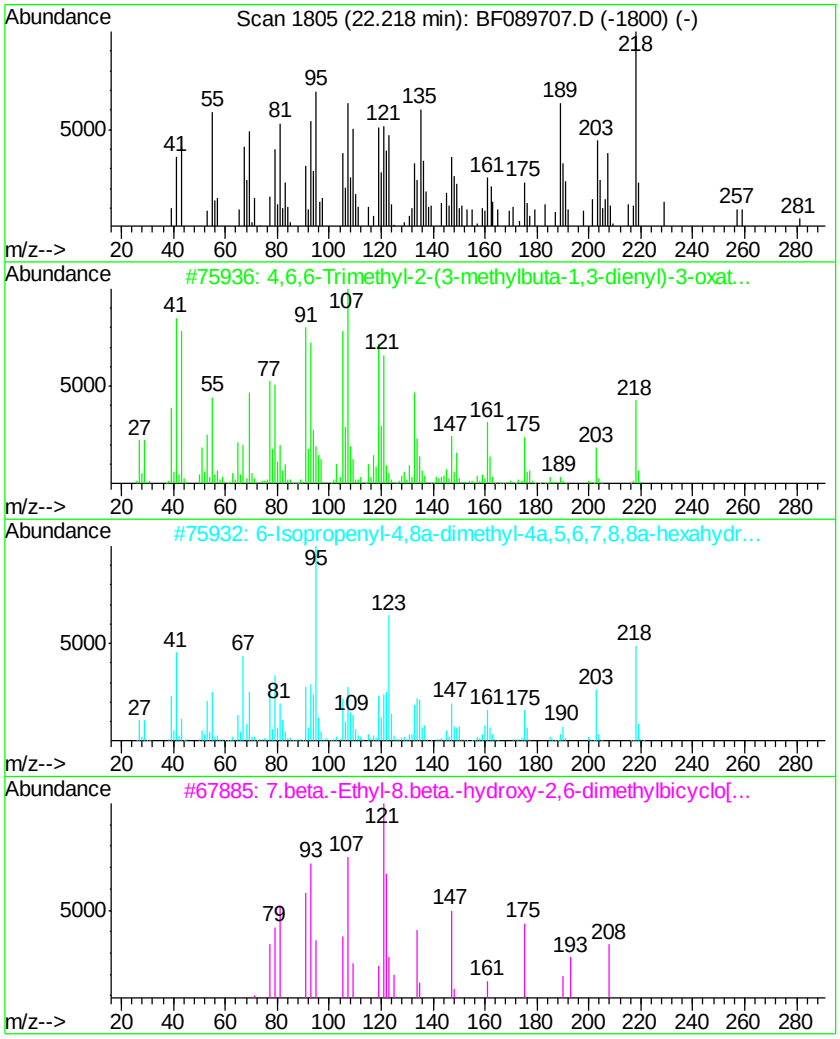
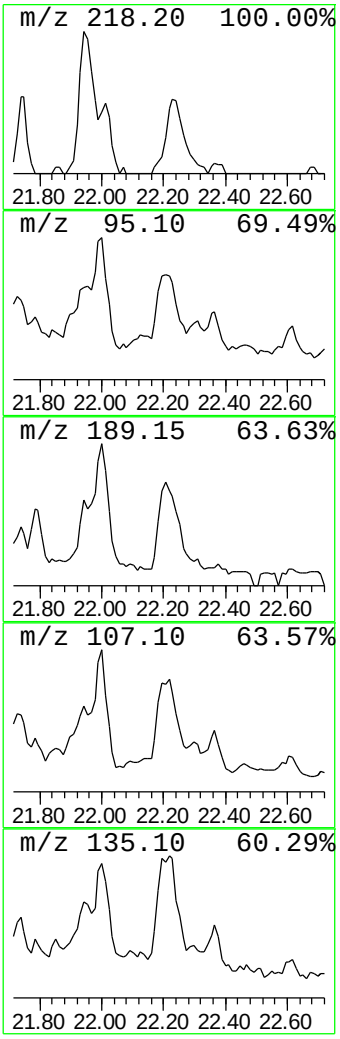
Peak Number 17 4,6,6-Trimethyl-2-(3-methyl... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.22	21.17 ng	308584	Perylene-d12	20.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,6,6-Trimethyl-2-(3-methylbuta-...	218	C15H22O	1000190-22-2	64
2	6-Isopropenyl-4,8a-dimethyl-4a,5...	218	C15H22O	086917-79-5	49
3	7.beta.-Ethyl-8.beta.-hydroxy-2,...	208	C14H24O	1000077-92-5	35
4	.beta.-Humulene	204	C15H24	000116-04-1	35
5	1-Cycloheptene, 1,4-dimethyl-3-(...	204	C15H24	1000159-38-6	30





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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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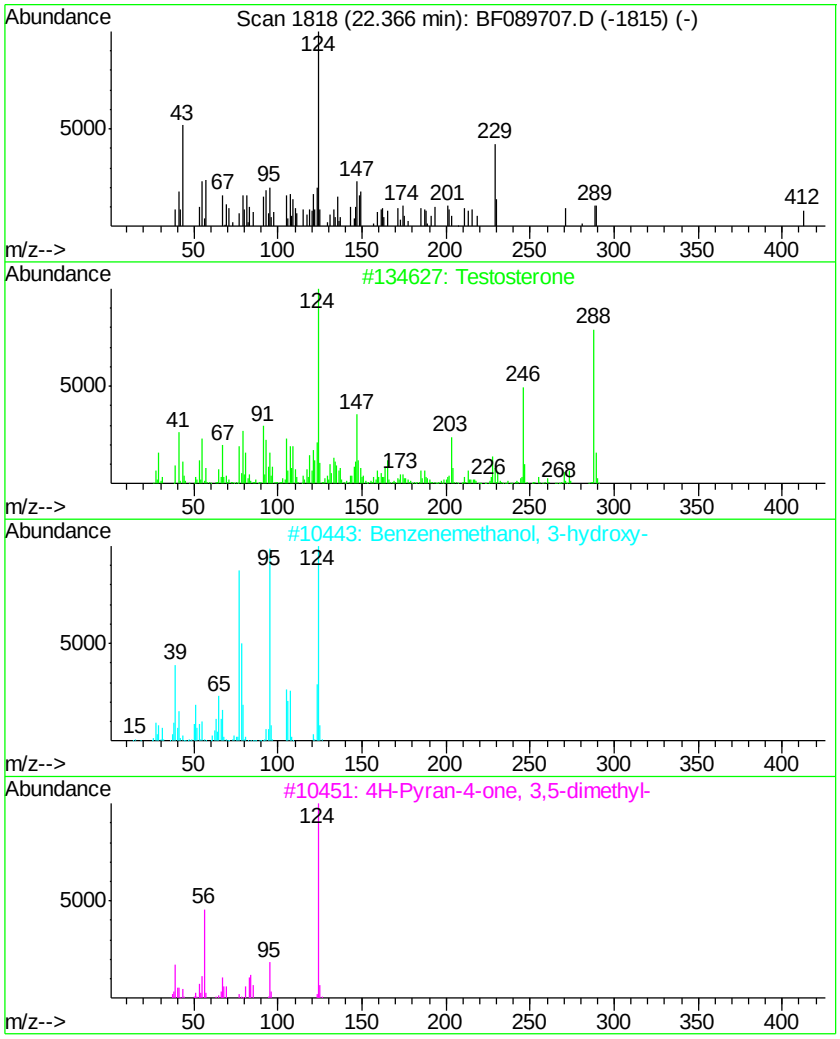
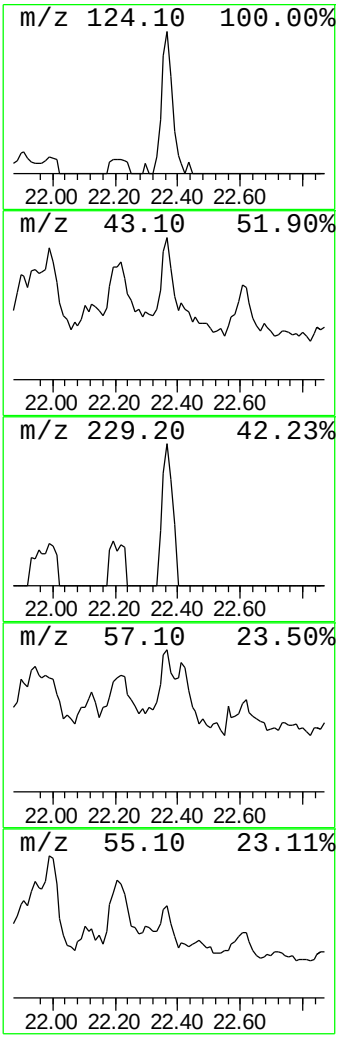
Peak Number 18 unknown22.37 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.37	8.58 ng	125047	Perylene-d12	20.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Testosterone	288	C19H28O2	000058-22-0	46
2	Benzenemethanol, 3-hydroxy-	124	C7H8O2	000620-24-6	38
3	4H-Pyran-4-one, 3,5-dimethyl-	124	C7H8O2	019083-61-5	38
4	Phenol, 2,6-diamino-	124	C6H8N2O	022440-82-0	38
5	5-Ethylcyclopent-1-enecarboxalde...	124	C8H12O	036431-60-4	35





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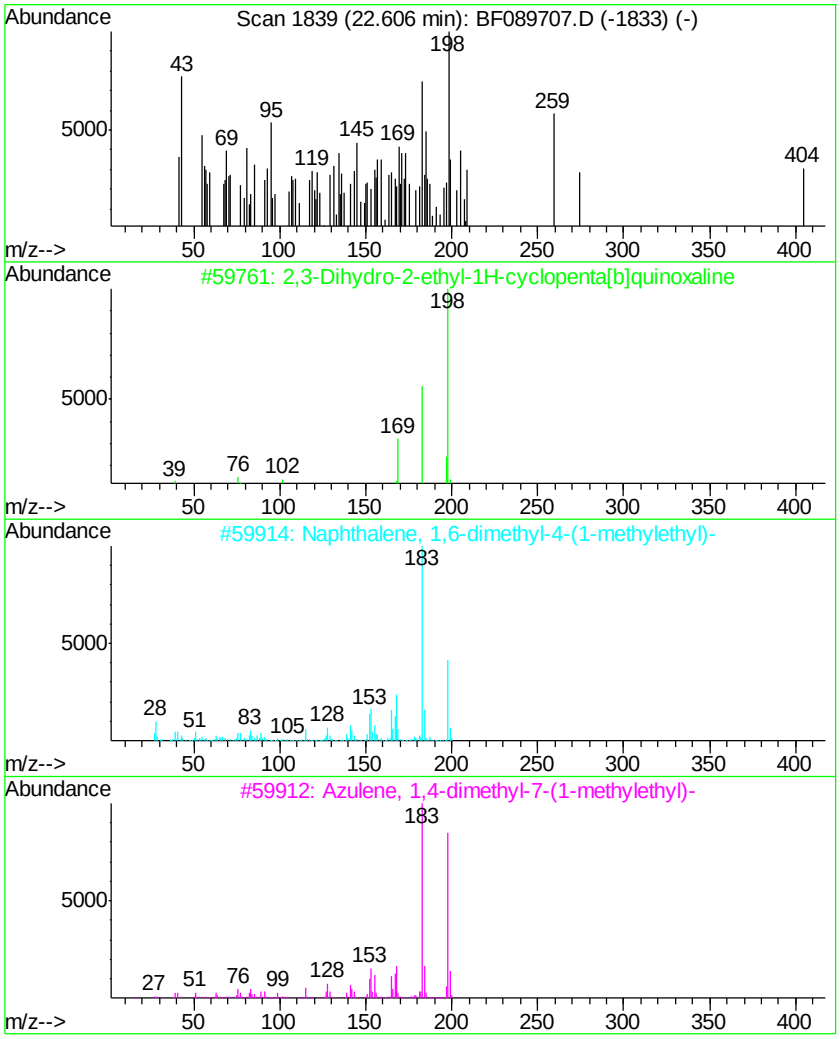
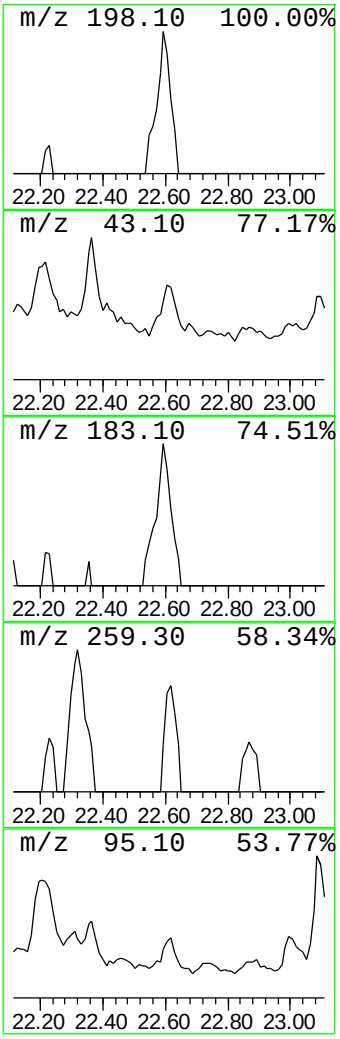
Peak Number 19 unknown22.61 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.61	8.49 ng	123715	Perylene-d12	20.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3-Dihydro-2-ethyl-1H-cyclopent...	198	C13H14N2	109682-73-7	27
2	Naphthalene, 1,6-dimethyl-4-(1-m...	198	C15H18	000483-78-3	27
3	Azulene, 1,4-dimethyl-7-(1-methy...	198	C15H18	000489-84-9	27
4	Isobenzofuran-1(3H)-one, 5-bromo-	212	C8H5BrO2	064169-34-2	18
5	Pyrimidine-5-carbonitrile, 3,4-d...	198	C6H6N4S2	111971-58-5	11





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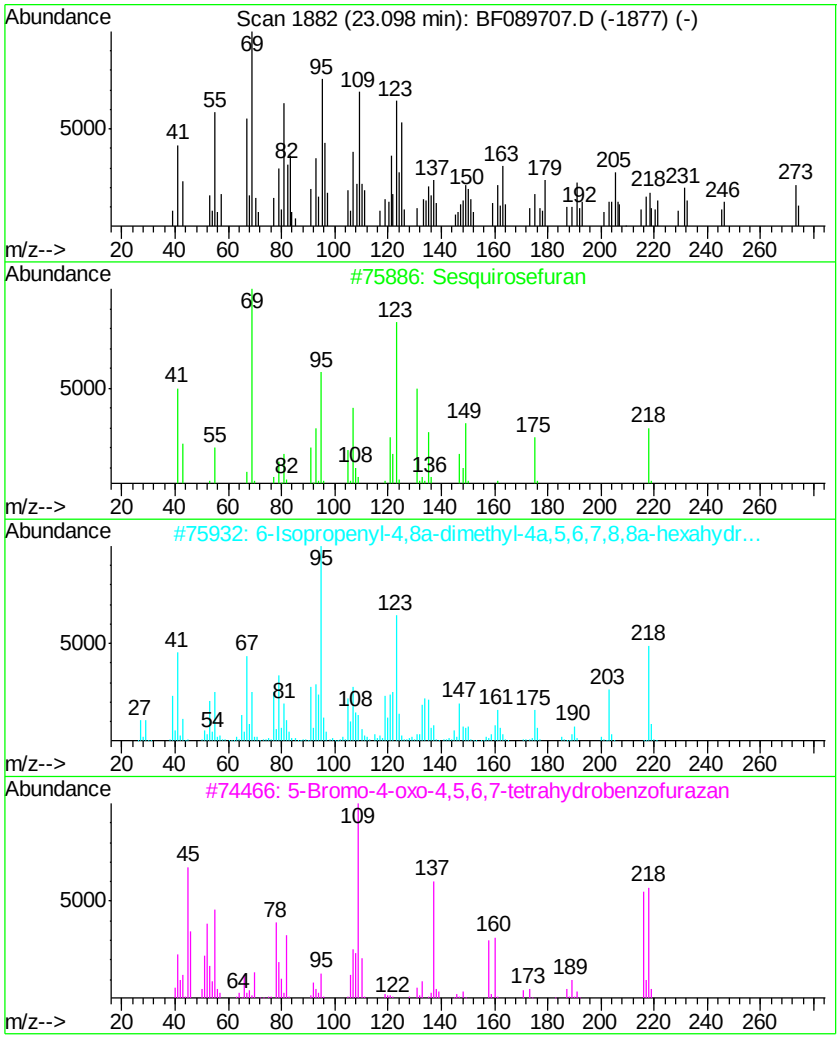
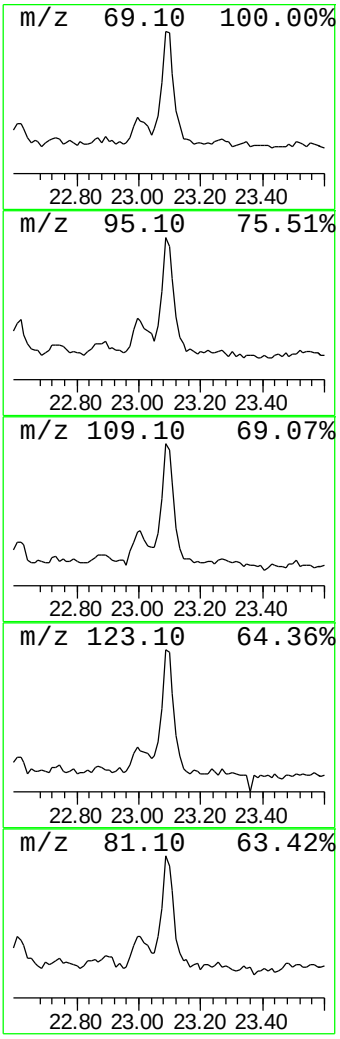
Peak Number 20 Sesquirosefuran Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.10	17.05 ng	248430	Perylene-d12	20.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sesquirosefuran	218	C15H22O	039007-93-7	78
2	6-Isopropenyl-4,8a-dimethyl-4a,5...	218	C15H22O	086917-79-5	60
3	5-Bromo-4-oxo-4,5,6,7-tetrahydro...	216	C6H5BrN2O2	300574-36-1	59
4	1,4-Methanoazulen-9-one, decahyd...	220	C15H24O	000465-26-9	52
5	(+)-(Z)-Longipinane	206	C15H26	1000156-12-3	51





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081016\
Data File : BF089707.D
Acq On : 10 Aug 2016 21:13
Operator : UM/SJ
Sample : H4396-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-1(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.60	26.1	ng	355195	1	7.40	272538	20.0
unknown7.05	7.05	98.7	ng	1344640	1	7.40	272538	20.0
10,18-Bisnorabiet...	16.55	6.2	ng	110947	5	18.35	357003	20.0
Hexacosane	19.81	20.5	ng	298669	6	20.02	291472	20.0
unknown19.91	19.91	5.7	ng	82598	6	20.02	291472	20.0
Heneicosane	20.49	15.9	ng	232354	6	20.02	291472	20.0
unknown20.55	20.55	11.3	ng	164397	6	20.02	291472	20.0
Vitamin E	20.66	5.5	ng	80822	6	20.02	291472	20.0
unknown21.46	21.46	6.0	ng	88053	6	20.02	291472	20.0
unknown21.55	21.55	8.4	ng	122733	6	20.02	291472	20.0
unknown21.63	21.63	32.0	ng	467038	6	20.02	291472	20.0
unknown21.74	21.74	15.3	ng	222886	6	20.02	291472	20.0
unknown21.83	21.83	11.0	ng	160668	6	20.02	291472	20.0
Anthracene, 9-(2-...	21.94	18.0	ng	262439	6	20.02	291472	20.0
Guaia-9,11-diene	22.00	22.0	ng	320862	6	20.02	291472	20.0
4,6,6-Trimethyl-2...	22.22	21.2	ng	308584	6	20.02	291472	20.0
unknown22.37	22.37	8.6	ng	125047	6	20.02	291472	20.0
unknown22.61	22.61	8.5	ng	123715	6	20.02	291472	20.0
Sesquirosefuran	23.10	17.1	ng	248430	6	20.02	291472	20.0