LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062719\
Data File : BF115262.D
Acq On : 28 Jun 2019 4:01
Operator : HP/JU
Sample : K3157-13 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-062619-B

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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.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	4.419	416	422	428	rVB	54176	66612	2.25%	0.170%
2	5.190	548	553	556	rBV	2486179	2224572	75.19%	5.674%
3	6.237	727	731	734	rBV	2807590	2345905	79.29%	5.983%
4	6.266	734	736	743	rVB	61817	60107	2.03%	0.153%
5	6.366	749	753	756	rBV	2964596	2483120	83.92%	6.333%
6	6.601	789	793	796	rBV	1633246	1321951	44.68%	3.372%
7	6.754	815	819	823	rBV	2423921	1992730	67.35%	5.082%
8	7.160	883	888	891	rBV	1624630	1436098	48.54%	3.663%
9	7.401	927	929	934	rVB2	34816	33359	1.13%	0.085%
10	7.878	1007	1010	1013	rBV	1936511	1754259	59.29%	4.474%
11	8.589	1127	1131	1134	rVB	121026	102633	3.47%	0.262%
12	8.689	1143	1148	1151	rBV	168146	135189	4.57%	0.345%
13	8.954	1190	1193	1197	rBV	3430148	2886946	97.57%	7.363%
14	9.054	1207	1210	1214	rVB	80906	66945	2.26%	0.171%
15	9.148	1224	1226	1234	rVB2	33390	44531	1.51%	0.114%
16	9.219	1234	1238	1241	rBV	88848	117921	3.99%	0.301%
17	9.289	1247	1250	1252	rBV	152174	127397	4.31%	0.325%
18	9.313	1252	1254	1257	rVB	81857	71391	2.41%	0.182%
19	9.348	1257	1260	1264	rBV	722747	631962	21.36%	1.612%
20	9.407	1267	1270	1272	rBV	70434	67090	2.27%	0.171%
21	9.483	1280	1283	1292	rBV	201455	181261	6.13%	0.462%
22	9.625	1303	1307	1310	rBV	2278400	2032137	68.68%	5.183%
23	9.660	1310	1313	1316	rVB	270747	250499	8.47%	0.639%
24	9.736	1322	1326	1330	rBV2	41563	50777	1.72%	0.130%
25	9.831	1336	1342	1346	rBV	220656	217507	7.35%	0.555%
26	9.872	1346	1349	1352	rVB	66388	48012	1.62%	0.122%
27	9.942	1357	1361	1364	rBV2	56799	70849	2.39%	0.181%
28	9.972	1364	1366	1369	rVB	44288	33128	1.12%	0.084%
29	10.036	1373	1377	1378	rBV3	34993	42858	1.45%	0.109%
30	10.078	1382	1384	1388	rVB2	47539	41471	1.40%	0.106%
31	10.136	1388	1394	1396	rBV5	38456	61493	2.08%	0.157%
32	10.166	1396	1399	1403	rBV	343963	301082	10.18%	0.768%
33	10.236	1406	1411	1412	rBV	50100	50358	1.70%	0.128%
34	10.330	1424	1427	1429	rBV	59698	50520	1.71%	0.129%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062719\
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Acq On : 28 Jun 2019 4:01
Operator : HP/JU
Sample : K3157-13 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-062619-B

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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.407	1436	1440	1446	rBV	2214860	1879195	63.51%	4.793%
36	10.530	1458	1461	1463	rBV2	34554	42294	1.43%	0.108%
37	10.713	1488	1492	1495	rBV2	70405	86275	2.92%	0.220%
38	10.742	1495	1497	1500	rVV2	65124	54001	1.83%	0.138%
39	10.795	1503	1506	1510	rVB	51412	50017	1.69%	0.128%
40	10.954	1530	1533	1536	rBV2	30710	46619	1.58%	0.119%
41	10.995	1537	1540	1543	rVV	168643	145209	4.91%	0.370%
42	11.025	1543	1545	1551	rVB2	32662	39587	1.34%	0.101%
43	11.101	1554	1558	1560	rBV	2366967	2219668	75.02%	5.661%
44	11.125	1560	1562	1565	rVV	1196414	928733	31.39%	2.369%
45	11.172	1565	1570	1573	rVB	422951	331837	11.22%	0.846%
46	11.213	1573	1577	1580	rBV3	46228	55710	1.88%	0.142%
47	11.325	1591	1596	1600	rBV	115203	129010	4.36%	0.329%
48	11.425	1610	1613	1617	rVB2	102461	105740	3.57%	0.270%
49	11.513	1625	1628	1632	rVB2	90852	87602	2.96%	0.223%
50	11.601	1640	1643	1645	rBV	188742	176845	5.98%	0.451%
51	11.624	1645	1647	1649	rVV	266282	206238	6.97%	0.526%
52	11.648	1649	1651	1653	rVV	219753	183858	6.21%	0.469%
53	11.672	1653	1655	1658	rVV	116561	102709	3.47%	0.262%
54	11.707	1658	1661	1663	rVV	414064	378800	12.80%	0.966%
55	11.730	1663	1665	1668	rVB	169413	128186	4.33%	0.327%
56	11.830	1679	1682	1685	rBV3	73127	72611	2.45%	0.185%
57	11.895	1690	1693	1694	rBV2	108363	93178	3.15%	0.238%
58	12.024	1712	1715	1716	rBV2	52846	48611	1.64%	0.124%
59	12.072	1721	1723	1725	rBV	67789	56697	1.92%	0.145%
60	12.148	1732	1736	1738	rBV	180403	195347	6.60%	0.498%
61	12.177	1738	1741	1742	rVV2	96691	86438	2.92%	0.220%
62	12.201	1742	1745	1746	rVV2	136511	134463	4.54%	0.343%
63	12.219	1746	1748	1750	rVB2	127127	99431	3.36%	0.254%
64	12.301	1759	1762	1768	rBV	1383945	1089591	36.83%	2.779%
65	12.354	1769	1771	1775	rBV3	81787	99492	3.36%	0.254%
66	12.395	1776	1778	1781	rVV2	63184	49840	1.68%	0.127%
67	12.524	1795	1800	1803	rBV	1245832	1170216	39.55%	2.985%
68	12.554	1803	1805	1807	rVB2	59482	52236	1.77%	0.133%
69	12.648	1819	1821	1823	rBV	85122	66300	2.24%	0.169%
70	12.677	1823	1826	1830	rBV	3062258	2958768	100.00%	7.546%
71	12.854	1854	1856	1861	rVB	224727	237100	8.01%	0.605%

LSC Area Percent Report

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Data File : BF115262.D
Acq On : 28 Jun 2019 4:01
Operator : HP/JU
Sample : K3157-13 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-062619-B

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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	12.924	1865	1868	1871	rBV	186094	170646	5.77%	0.435%
73	12.960	1871	1874	1877	rBV	159949	167604	5.66%	0.427%
74	13.048	1887	1889	1892	rVB	124795	95582	3.23%	0.244%
75	13.083	1892	1895	1897	rBV	113229	111405	3.77%	0.284%
76	13.718	1998	2003	2006	rBV2	1930218	2184378	73.83%	5.571%
77	13.742	2006	2007	2010	rVB	420465	238286	8.05%	0.608%
78	15.083	2232	2235	2239	rVB	893836	949163	32.08%	2.421%

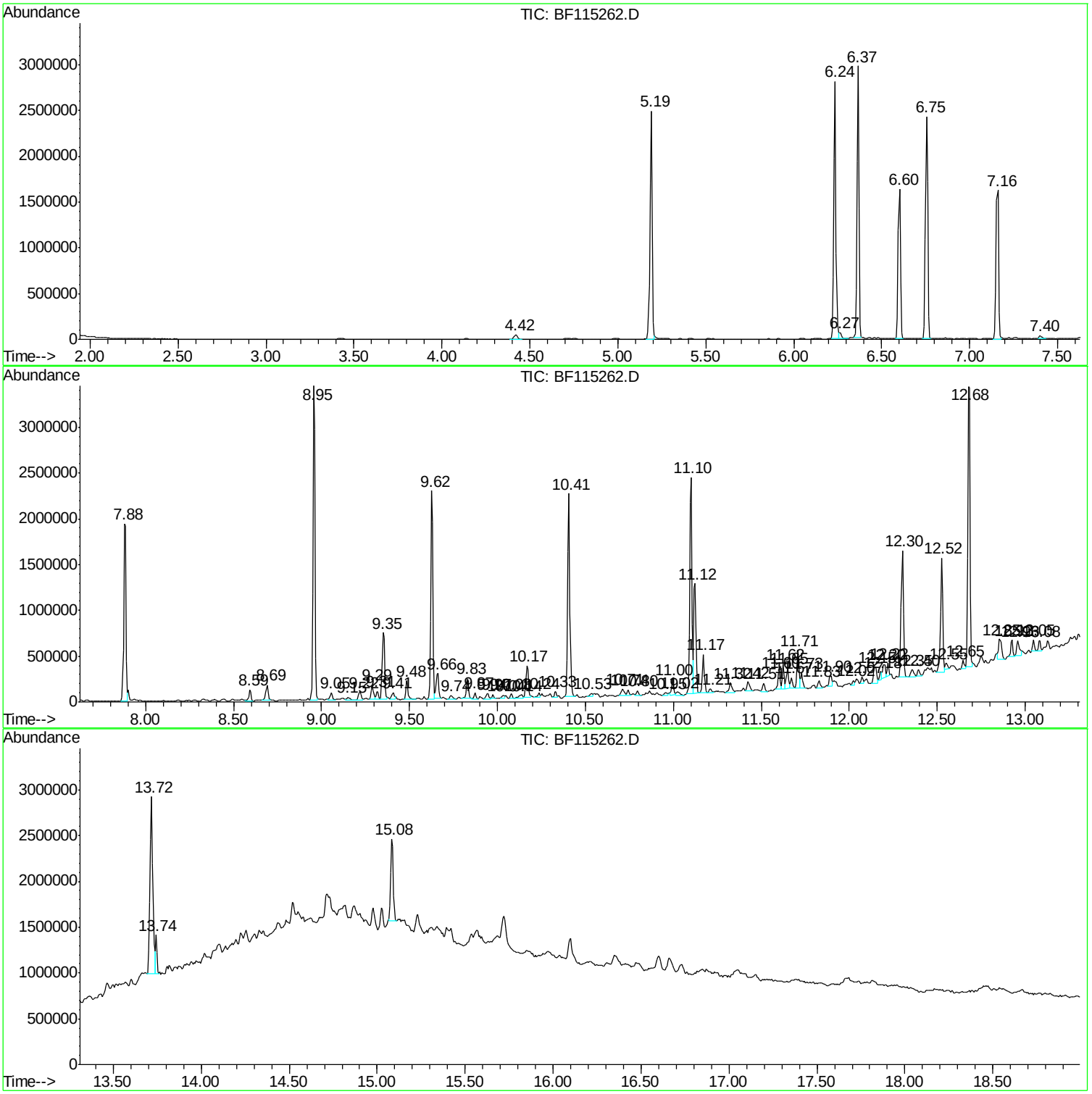
Sum of corrected areas: 39208186

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062719\
Data File : BF115262.D
Acq On : 28 Jun 2019 4:01
Operator : HP/JU
Sample : K3157-13 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CL-02-062619-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062719\
Data File : BF115262.D
Acq On : 28 Jun 2019 4:01
Operator : HP/JU
Sample : K3157-13 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-062619-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

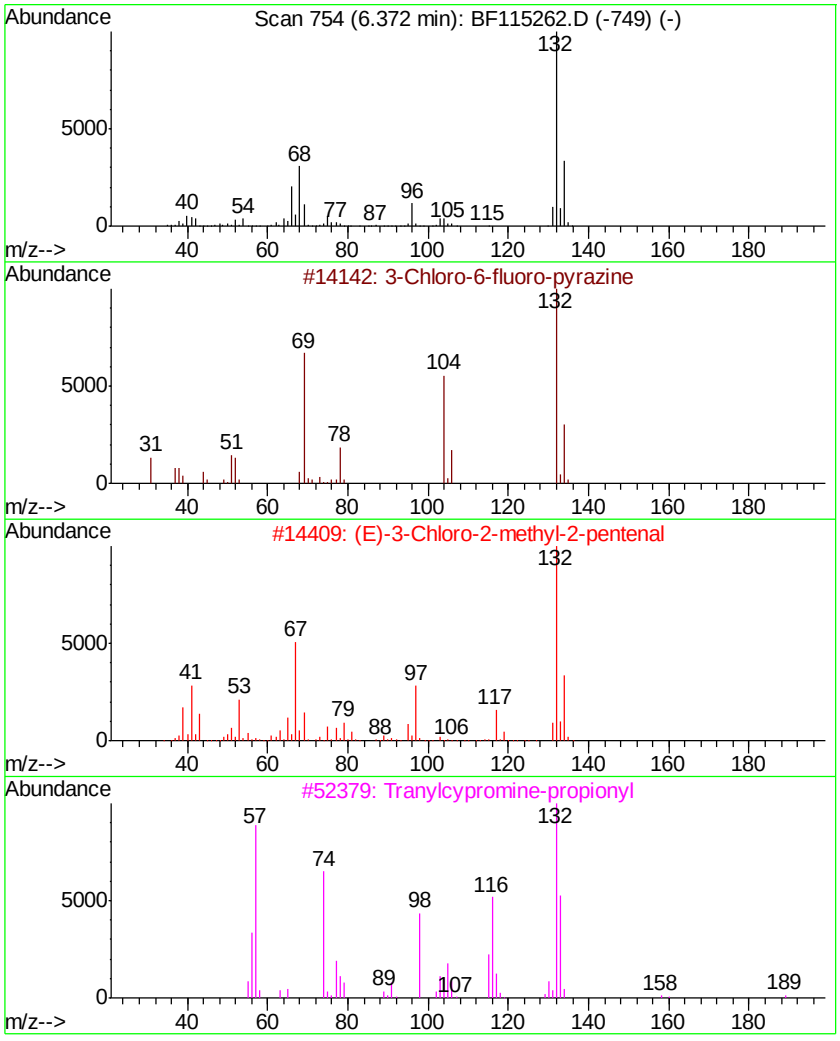
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

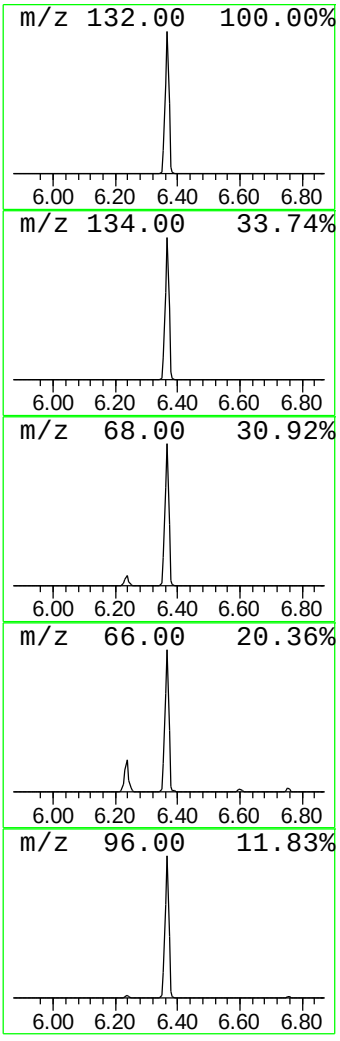
****

Peak Number 1 unknown6.37 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.37	37.57 ng	2483120	1,4-Dichlorobenzene-d4	6.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	25
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	16
4	5-Aminoindole	132	C8H8N2	005192-03-0	16
5	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062719\
Data File : BF115262.D
Acq On : 28 Jun 2019 4:01
Operator : HP/JU
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Instrument : BNA_F
ClientSampleId : CL-02-062619-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

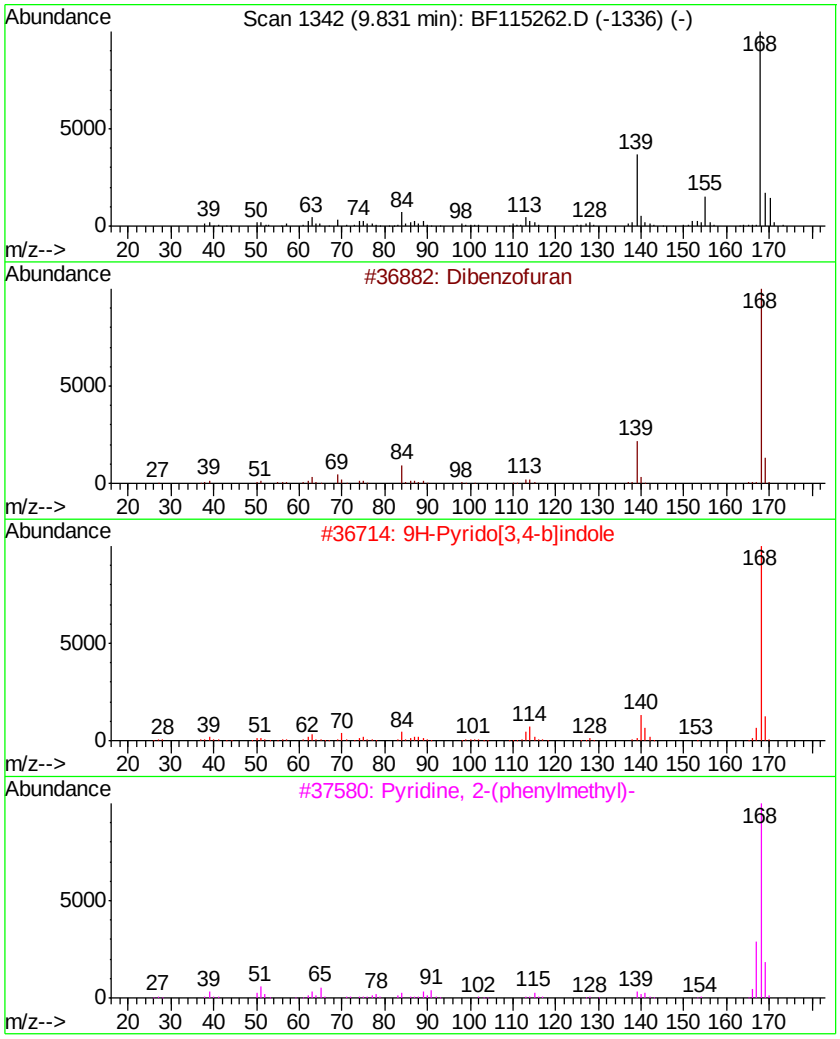
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

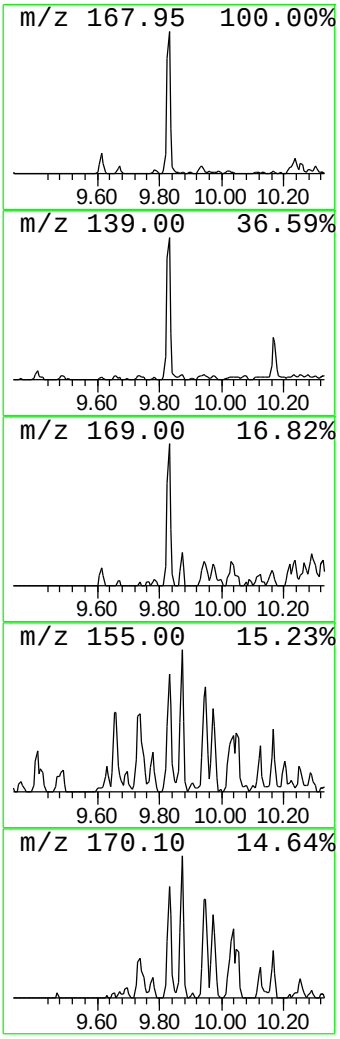
****

Peak Number 3 9H-Pyrido[3,4-b]indole Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.83	2.14 ng	217507	Acenaphthene-d10	9.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran	168	C12H8O	000132-64-9	74
2	9H-Pyrido[3,4-b]indole	168	C11H8N2	000244-63-3	50
3	Pyridine, 2-(phenylmethyl)-	169	C12H11N	000101-82-6	50
4	3,6-Diazahomoadamantan-9-ol	168	C9H16N2O	138023-21-9	47
5	Naphtho[2,1-d]imidazole	168	C11H8N2	000233-53-4	47





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062719\
Data File : BF115262.D
Acq On : 28 Jun 2019 4:01
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

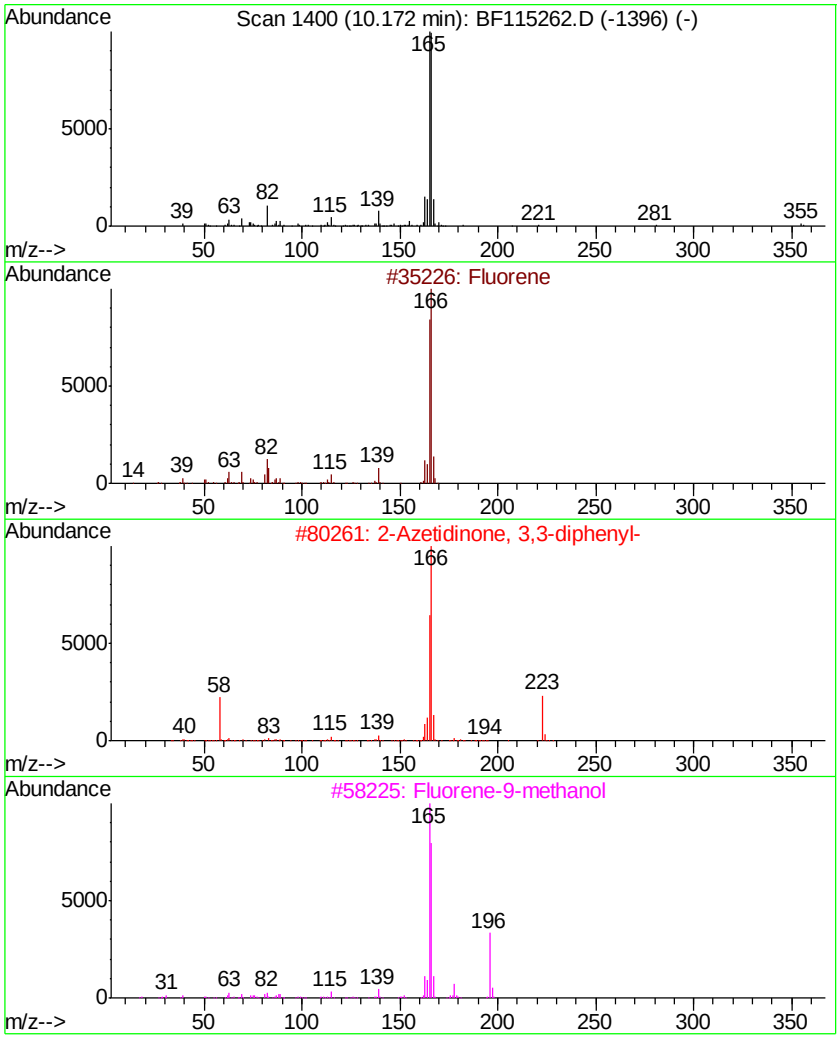
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

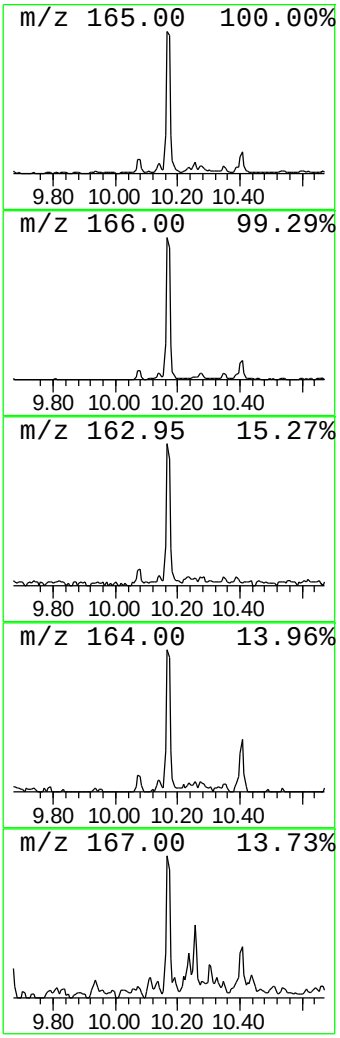
****

Peak Number 4 2-Azetidinone, 3,3-diphenyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.17	2.96 ng	301082	Acenaphthene-d10	9.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluorene	166	C13H10	000086-73-7	97
2	2-Azetidinone, 3,3-diphenyl-	223	C15H13NO	015826-12-7	72
3	Fluorene-9-methanol	196	C14H12O	024324-17-2	64
4	3-Trifluoromethylbenzhydryl chlo...	270	C14H10ClF3	067240-79-3	64
5	Benzene, 1,1'-(diazomethylene)bis-	194	C13H10N2	000883-40-9	56





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Instrument : BNA_F
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

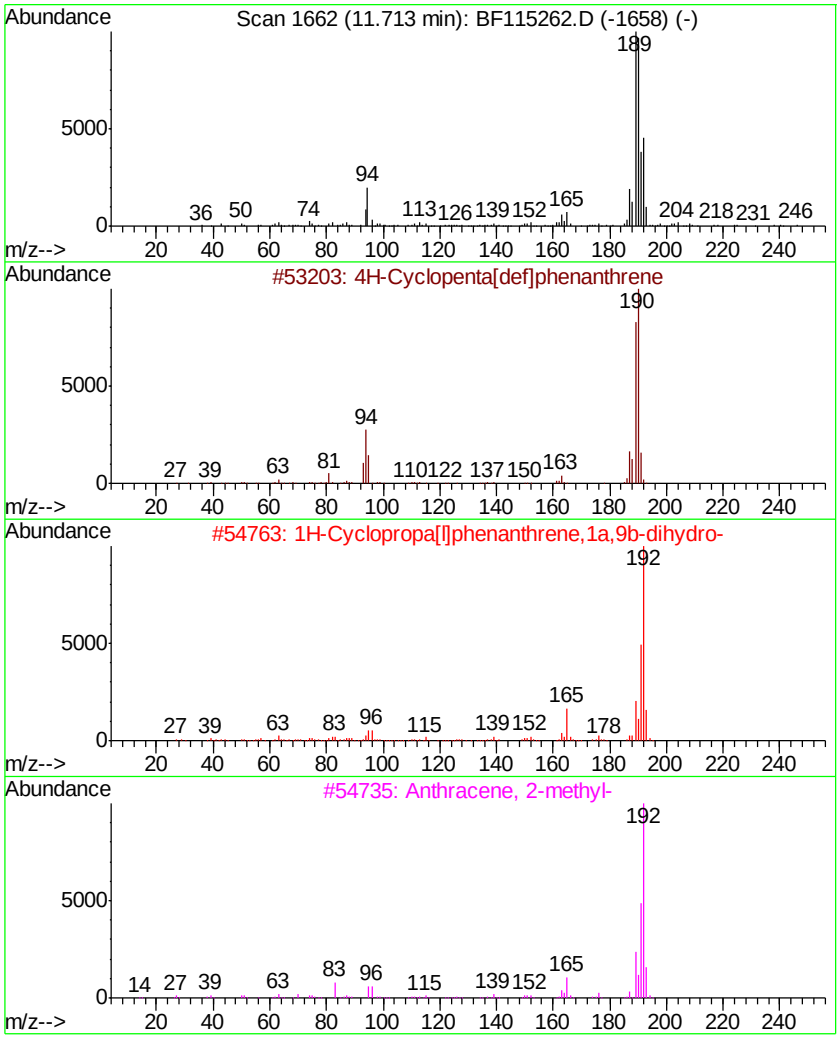
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

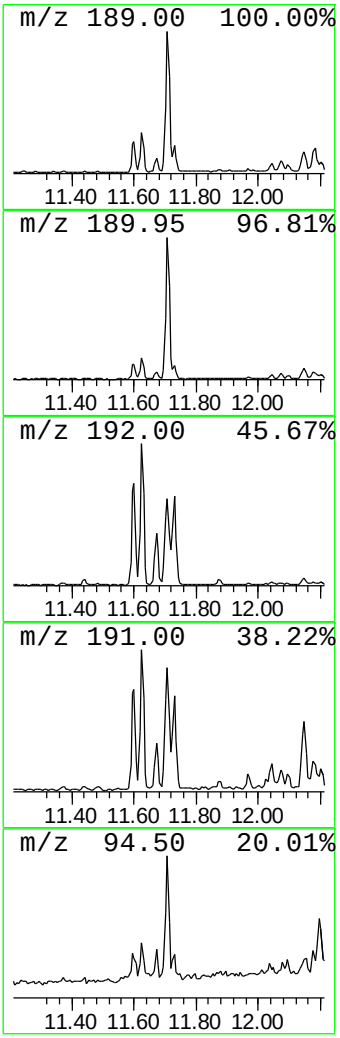
****

Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.71	3.41 ng	378800	Phenanthrene-d10	11.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	92
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	25
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	25
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	25
5	Megastigmatrienone	190	C13H18O	038818-55-2	18





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Instrument : BNA_F
ClientSampleId : CL-02-062619-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

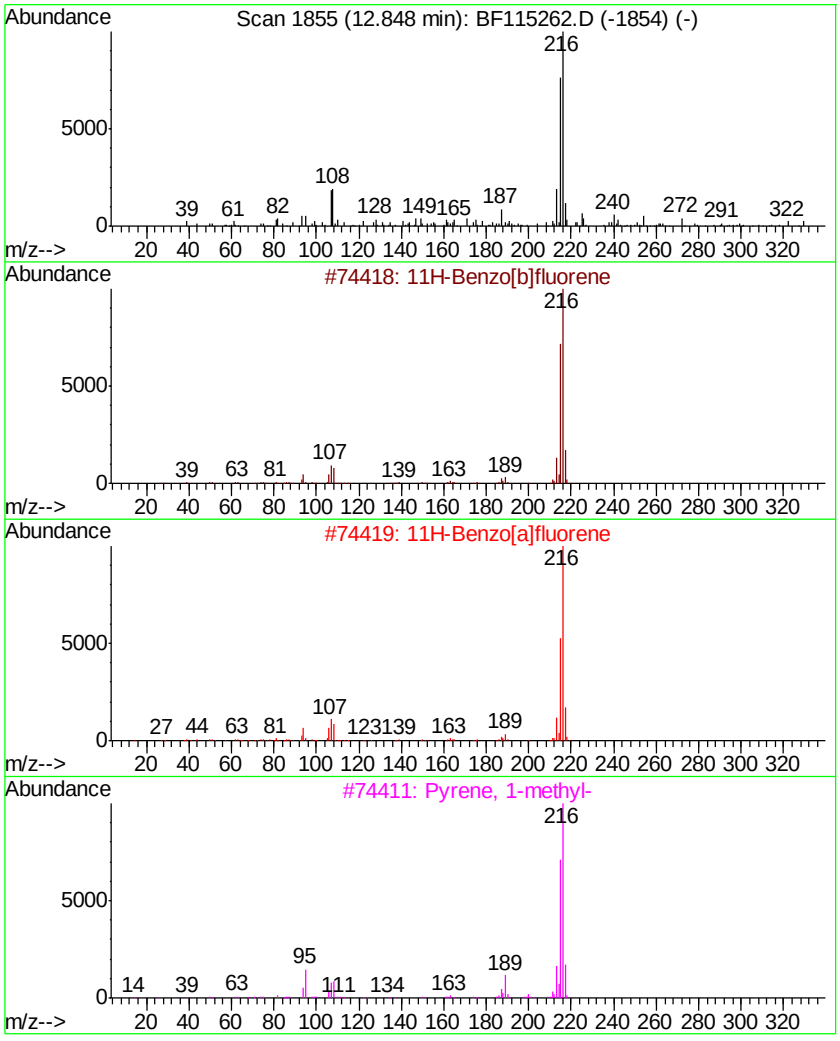
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

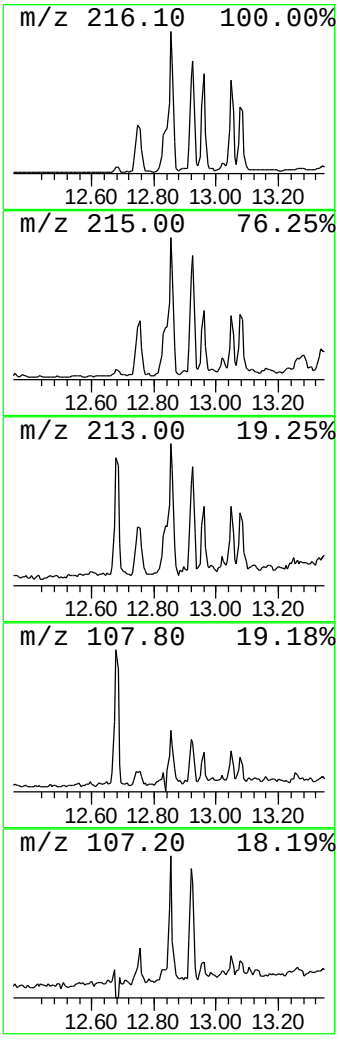
****

Peak Number 6 11H-Benzo[b]fluorene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.85	2.17 ng	237100	Chrysene-d12	13.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	96
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	83





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062719\
Data File : BF115262.D
Acq On : 28 Jun 2019 4:01
Operator : HP/JU
Sample : K3157-13 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-062619-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown6.37	6.37	37.6	ng	2483120	1	6.60	1321950	20.0
9H-Pyrido[3,4-b]i...	9.83	2.1	ng	217507	3	9.62	2032140	20.0
2-Azetidinone, 3,...	10.17	3.0	ng	301082	3	9.62	2032140	20.0
4H-Cyclopenta[def...	11.71	3.4	ng	378800	4	11.10	2219670	20.0
11H-Benzo[b]fluorene	12.85	2.2	ng	237100	5	13.72	2184380	20.0