LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110317\
Data File : BF100145.D
Acq On : 3 Nov 2017 20:04
Operator : SJ/JU
Sample : I6081-11
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : Q2-COMP-FILL

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-BF102317.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	4.987	491	493	509	rBV	146167	258307	13.77%	0.675%
2	5.393	559	562	587	rBV	1222377	1563269	83.31%	4.088%
3	6.416	733	736	754	rBV	1366819	1743248	92.90%	4.559%
4	6.545	754	758	764	rVB	1745853	1728248	92.10%	4.519%
5	6.769	793	796	806	rBV	565010	531687	28.33%	1.390%
6	6.922	818	822	840	rBV	1305199	1210281	64.50%	3.165%
7	7.339	890	893	915	rBV	1040939	1058600	56.41%	2.768%
8	8.051	1011	1014	1016	rBV	848578	742781	39.58%	1.942%
9	8.075	1016	1018	1026	rVB	163747	177738	9.47%	0.465%
10	8.769	1133	1136	1144	rVB	93895	87324	4.65%	0.228%
11	8.863	1148	1152	1160	rBV	70481	67814	3.61%	0.177%
12	9.122	1192	1196	1199	rBV	1927501	1608691	85.73%	4.207%
13	9.392	1238	1242	1247	rBV2	53322	76362	4.07%	0.200%
14	9.463	1250	1254	1257	rVV	99139	103737	5.53%	0.271%
15	9.522	1261	1264	1270	rVV	252268	213230	11.36%	0.558%
16	9.580	1270	1274	1281	rVB	58872	75675	4.03%	0.198%
17	9.669	1285	1289	1295	rBV	209639	182336	9.72%	0.477%
18	9.804	1306	1312	1316	rBV	977718	827697	44.11%	2.164%
19	9.839	1316	1318	1326	rVB2	69779	69865	3.72%	0.183%
20	10.010	1342	1347	1351	rBV2	147675	165998	8.85%	0.434%
21	10.122	1362	1366	1368	rBV	65788	69979	3.73%	0.183%
22	10.210	1374	1381	1387	rVB2	55679	101324	5.40%	0.265%
23	10.357	1402	1406	1411	rVB3	201162	234738	12.51%	0.614%
24	10.516	1427	1433	1436	rBV2	193344	216808	11.55%	0.567%
25	10.604	1443	1448	1453	rBV2	1064971	1130481	60.24%	2.956%
26	10.904	1495	1499	1502	rVV2	127073	147125	7.84%	0.385%
27	11.027	1515	1520	1522	rBV2	133156	129702	6.91%	0.339%
28	11.051	1522	1524	1530	rVV2	109967	146079	7.78%	0.382%
29	11.116	1530	1535	1537	rVV2	136126	155709	8.30%	0.407%
30	11.139	1537	1539	1543	rVV	143777	157935	8.42%	0.413%
31	11.192	1546	1548	1555	rVB	128589	136273	7.26%	0.356%
32	11.298	1562	1566	1568	rBV	872556	803872	42.84%	2.102%
33	11.322	1568	1570	1574	rVV	1727613	1468026	78.23%	3.839%
34	11.374	1574	1579	1586	rVV	651219	601454	32.05%	1.573%

LSC Area Percent Report

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Acq On : 3 Nov 2017 20:04
Operator : SJ/JU
Sample : I6081-11
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : Q2-COMP-FILL

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-BF102317.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.539	1602	1607	1613	rBV2	218977	317795	16.94%	0.831%
36	11.645	1621	1625	1629	rVV5	58676	97622	5.20%	0.255%
37	11.710	1633	1636	1641	rVB3	56947	70484	3.76%	0.184%
38	11.798	1648	1651	1654	rVV	400892	414458	22.09%	1.084%
39	11.827	1654	1656	1661	rVV	525591	436889	23.28%	1.142%
40	11.874	1661	1664	1667	rVV	270072	236416	12.60%	0.618%
41	11.910	1667	1670	1673	rVV	487074	573102	30.54%	1.499%
42	11.933	1673	1674	1679	rVV	305584	209510	11.16%	0.548%
43	12.092	1698	1701	1705	rVB	251477	222481	11.86%	0.582%
44	12.145	1708	1710	1715	rBV3	109242	117646	6.27%	0.308%
45	12.239	1723	1726	1729	rBV2	94555	89039	4.74%	0.233%
46	12.274	1729	1732	1734	rVV	106546	88137	4.70%	0.230%
47	12.304	1734	1737	1740	rVB	75953	70481	3.76%	0.184%
48	12.351	1740	1745	1747	rBV	247493	286246	15.25%	0.749%
49	12.392	1747	1752	1753	rVV	131245	183686	9.79%	0.480%
50	12.410	1753	1755	1757	rVV	109297	88079	4.69%	0.230%
51	12.433	1757	1759	1761	rVV2	88373	94484	5.04%	0.247%
52	12.457	1761	1763	1767	rVB	159877	145674	7.76%	0.381%
53	12.521	1769	1774	1777	rBV	1952020	1876523	100.00%	4.907%
54	12.574	1781	1783	1787	rBV2	61133	66321	3.53%	0.173%
55	12.616	1787	1790	1795	rVB	266349	247632	13.20%	0.648%
56	12.669	1795	1799	1801	rBV	140012	117550	6.26%	0.307%
57	12.727	1806	1809	1810	rVV	420169	369985	19.72%	0.967%
58	12.751	1810	1813	1817	rVV	1709238	1534505	81.77%	4.013%
59	12.798	1817	1821	1825	rVB2	155811	175561	9.36%	0.459%
60	12.880	1830	1835	1838	rVV2	1327736	1329162	70.83%	3.476%
61	12.921	1839	1842	1845	rVB	96622	97211	5.18%	0.254%
62	12.968	1845	1850	1855	rBV2	187768	336883	17.95%	0.881%
63	13.074	1865	1868	1873	rVB	349921	406161	21.64%	1.062%
64	13.139	1877	1879	1882	rBV	164344	138548	7.38%	0.362%
65	13.180	1882	1886	1889	rVV2	229638	276665	14.74%	0.723%
66	13.274	1898	1902	1905	rBV	149441	134040	7.14%	0.351%
67	13.304	1905	1907	1910	rBV2	138530	126103	6.72%	0.330%
68	13.374	1916	1919	1923	rBV3	44658	64420	3.43%	0.168%
69	13.598	1953	1957	1963	rBV	161923	207992	11.08%	0.544%
70	13.716	1969	1977	1981	rBV4	200823	374676	19.97%	0.980%
71	13.757	1981	1984	1990	rVB3	215261	318348	16.96%	0.832%

LSC Area Percent Report

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Acq On : 3 Nov 2017 20:04
Operator : SJ/JU
Sample : I6081-11
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : Q2-COMP-FILL

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

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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	13.810	1990	1993	1998	rVB	177067	199733	10.64%	0.522%
73	13.868	1998	2003	2007	rBV2	61621	116882	6.23%	0.306%
74	13.945	2010	2016	2019	rBV2	959924	1504051	80.15%	3.933%
75	13.974	2019	2021	2028	rVV	722933	730955	38.95%	1.911%
76	14.057	2033	2035	2038	rBV2	87404	68927	3.67%	0.180%
77	14.115	2038	2045	2049	rBV3	160629	198999	10.60%	0.520%
78	14.157	2049	2052	2056	rVV2	84430	130446	6.95%	0.341%
79	14.192	2056	2058	2063	rVB	74317	68993	3.68%	0.180%
80	14.339	2078	2083	2086	rBV	253719	295385	15.74%	0.772%
81	14.374	2086	2089	2092	rVB	94611	91513	4.88%	0.239%
82	14.410	2092	2095	2098	rBV2	75105	77013	4.10%	0.201%
83	14.463	2102	2104	2110	rBV3	92827	145076	7.73%	0.379%
84	14.668	2135	2139	2146	rBV4	159878	256092	13.65%	0.670%
85	14.845	2163	2169	2175	rBV5	77605	169467	9.03%	0.443%
86	14.992	2190	2194	2197	rBV	637195	923600	49.22%	2.415%
87	15.015	2197	2198	2204	rVV2	373955	301747	16.08%	0.789%
88	15.098	2208	2212	2218	rBV	163397	191745	10.22%	0.501%
89	15.286	2240	2244	2248	rBV	296477	364022	19.40%	0.952%
90	15.351	2252	2255	2262	rBV	514114	653804	34.84%	1.710%
91	15.410	2262	2265	2269	rVV	334782	404817	21.57%	1.059%
92	15.445	2269	2271	2277	rVB2	147965	199579	10.64%	0.522%
93	15.774	2323	2327	2332	rVB5	42690	70552	3.76%	0.184%
94	15.892	2344	2347	2357	rBV5	33440	66075	3.52%	0.173%
95	16.809	2499	2503	2507	rVV5	35226	65123	3.47%	0.170%
96	16.886	2508	2516	2523	rVV2	198919	409054	21.80%	1.070%
97	17.045	2538	2543	2549	rBV	66068	131663	7.02%	0.344%
98	17.104	2549	2553	2561	rVV2	42376	85984	4.58%	0.225%
99	17.333	2586	2592	2605	rVB	140057	310983	16.57%	0.813%
100	17.592	2631	2636	2643	rVB2	35186	76474	4.08%	0.200%

Sum of corrected areas: 38241662

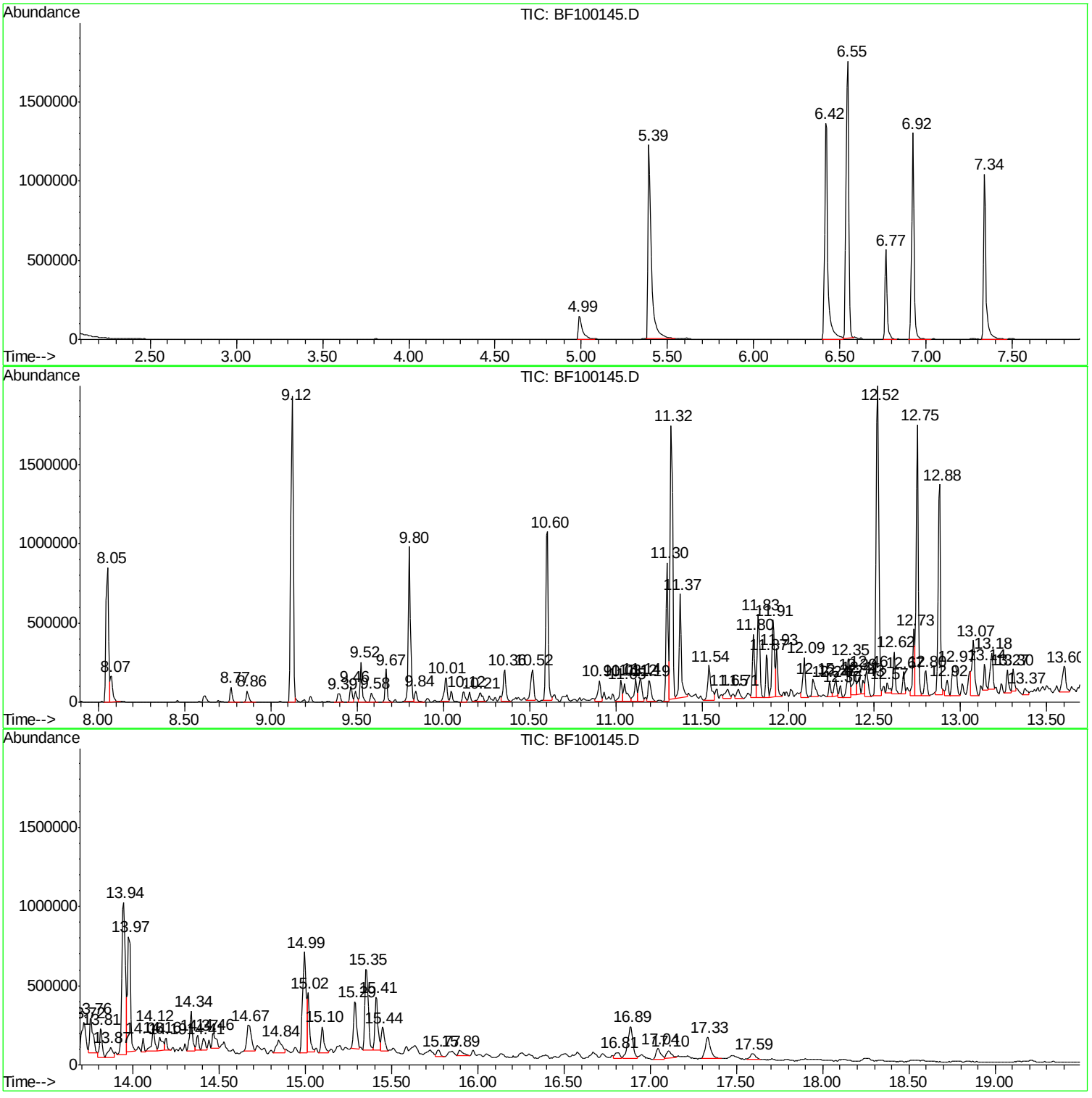
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110317\
Data File : BF100145.D
Acq On : 3 Nov 2017 20:04
Operator : SJ/JU
Sample : I6081-11
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : Q2-COMP-FILL

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.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\BF110317\
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Sample : I6081-11
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Instrument : BNA_F
ClientSampleId : Q2-COMP-FILL

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
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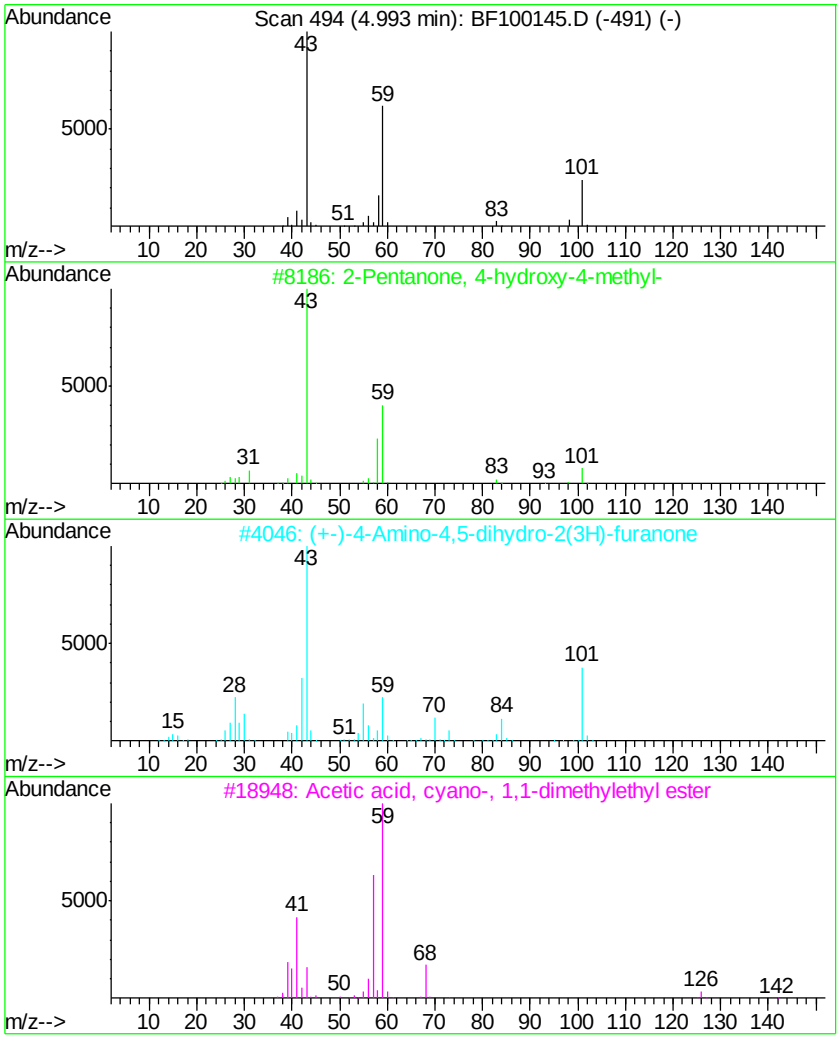
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

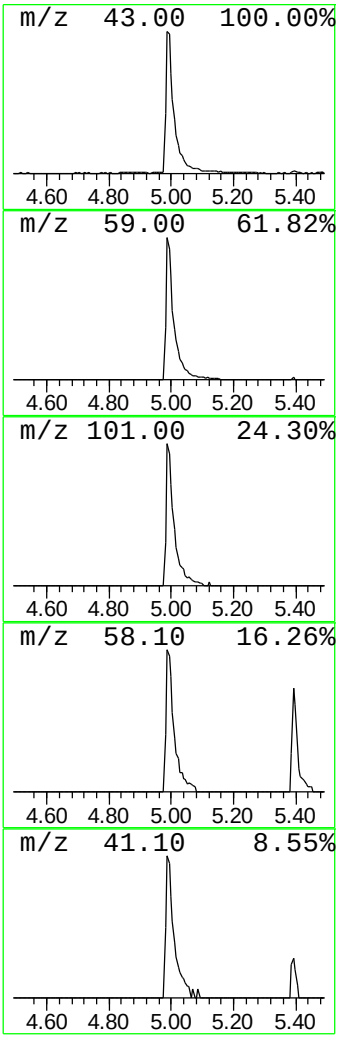
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.99	9.72 ng	258307	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	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	47
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
4	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
5	5-Hexen-2-one	98	C6H10O	000109-49-9	9





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110317\
Data File : BF100145.D
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Sample : I6081-11
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Instrument : BNA_F
ClientSampleId : Q2-COMP-FILL

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

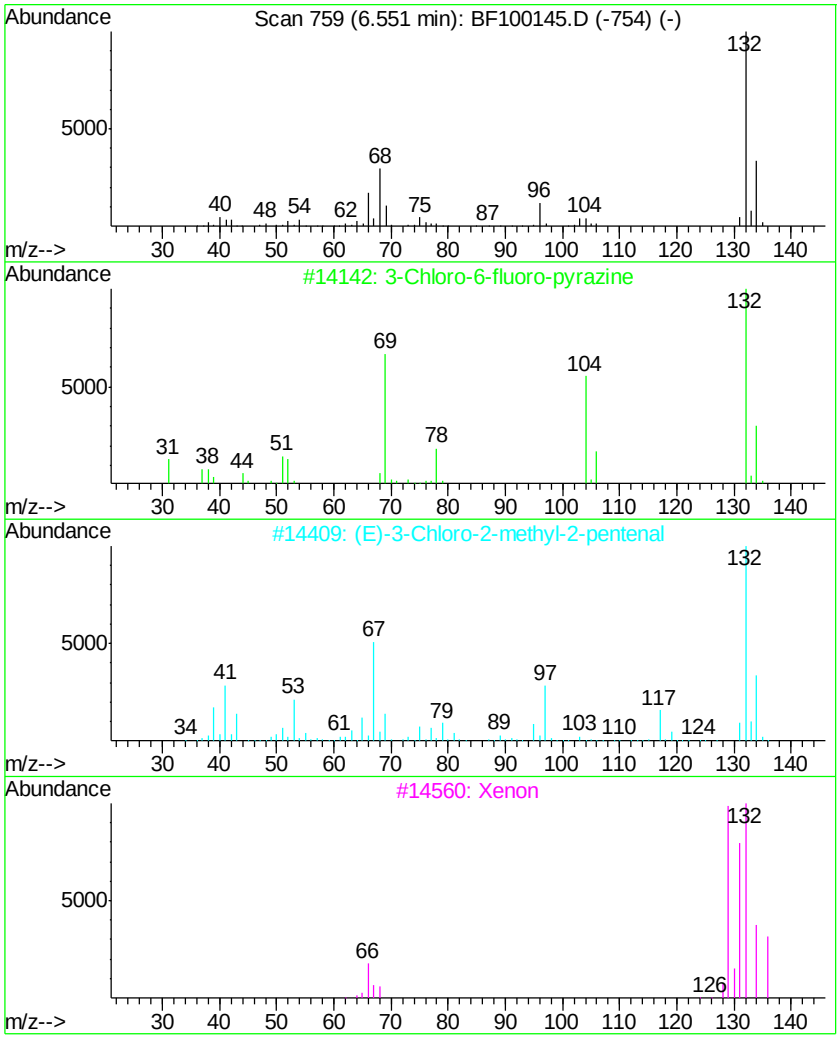
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

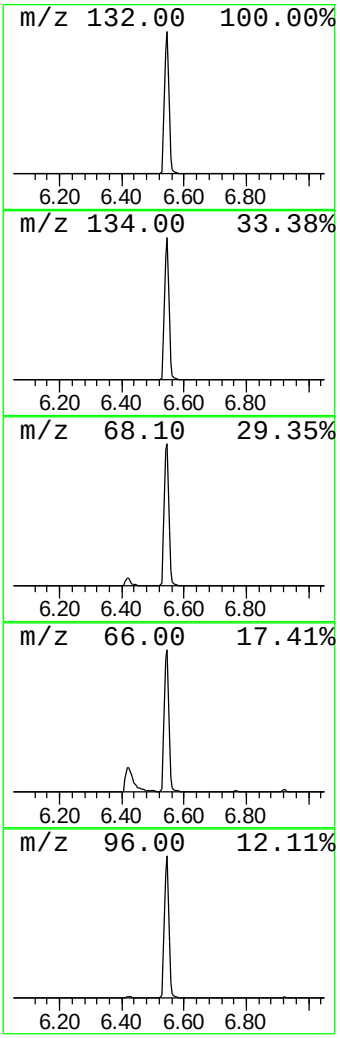
****

Peak Number 2 unknown6.55 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.55	65.01 ng	1728250	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	38
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	Xenon	132	Xe	007440-63-3	9
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9
5	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9





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Instrument : BNA_F
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TIC Library : C:\DATABASE\NIST11.L
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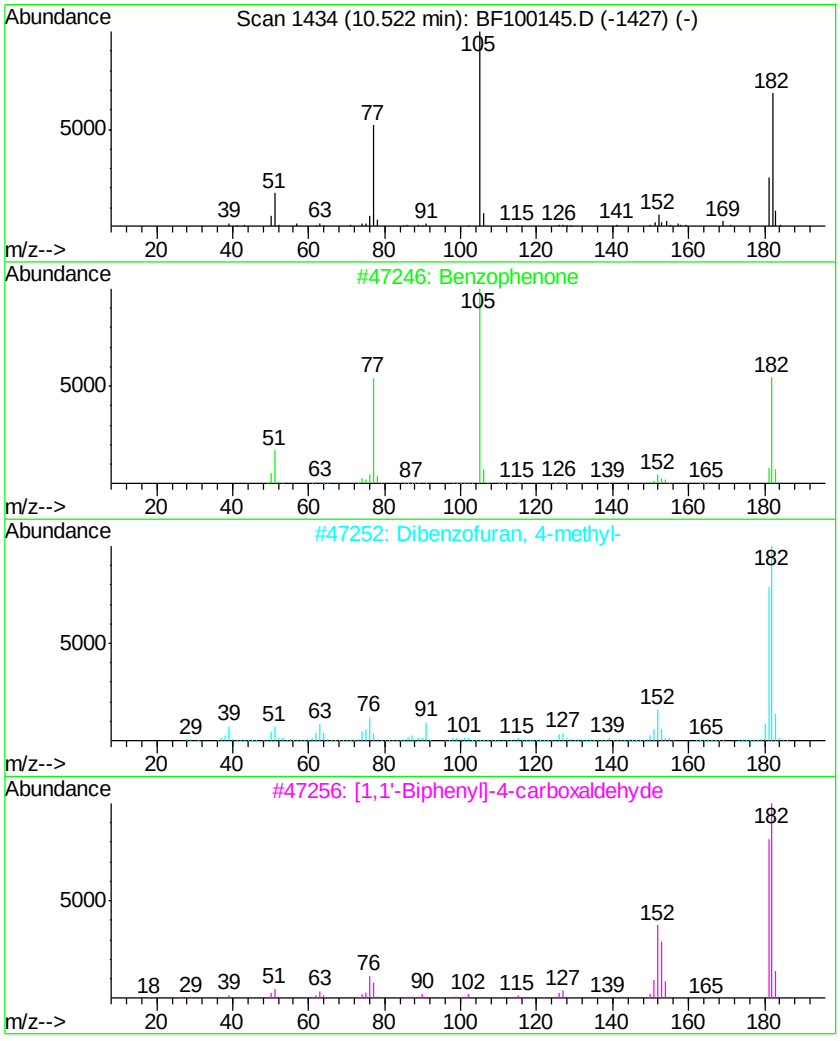
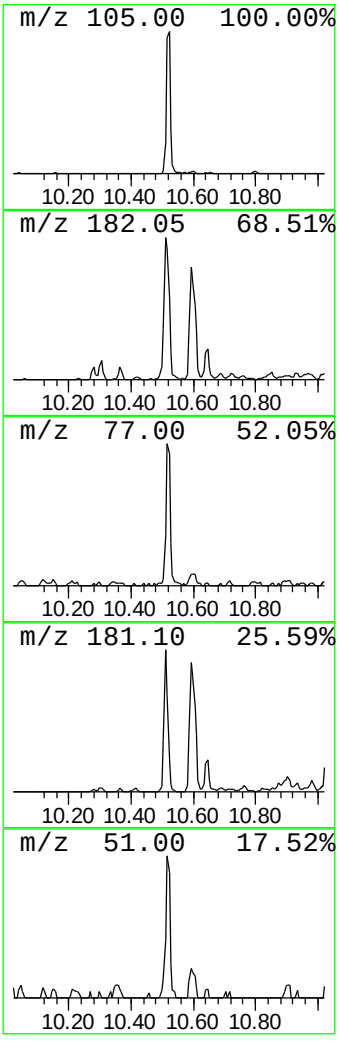
****

Peak Number 4 Benzophenone Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.52	5.24 ng	216808	Acenaphthene-d10	9.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	68
2	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	64
3	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	64
4	2-Hydroxyfluorene	182	C13H10O	002443-58-5	52
5	Azobenzene	182	C12H10N2	000103-33-3	52





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110317\
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Sample : I6081-11
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : Q2-COMP-FILL

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

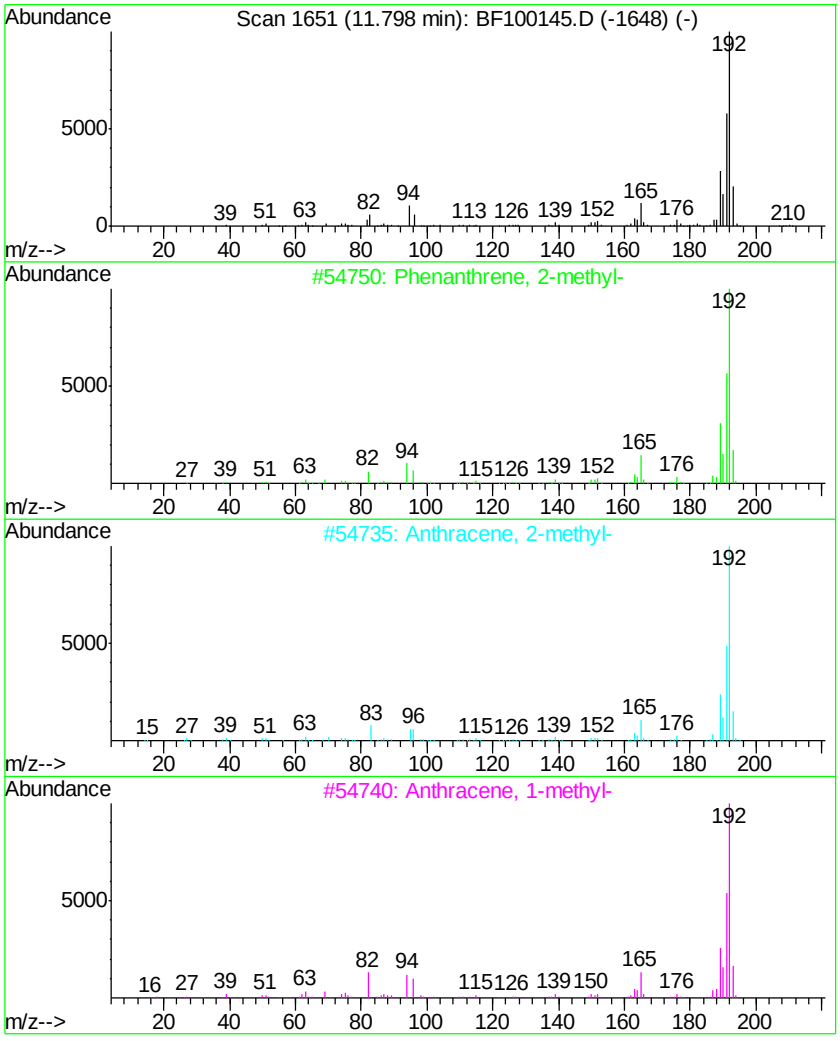
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

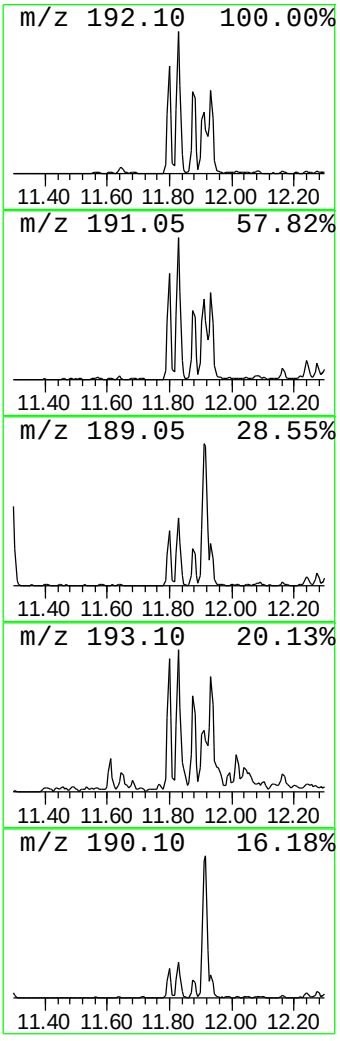
****

Peak Number 5 Phenanthrene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.80	10.31 ng	414458	Phenanthrene-d10	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110317\
Data File : BF100145.D
Acq On : 3 Nov 2017 20:04
Operator : SJ/JU
Sample : I6081-11
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : Q2-COMP-FILL

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.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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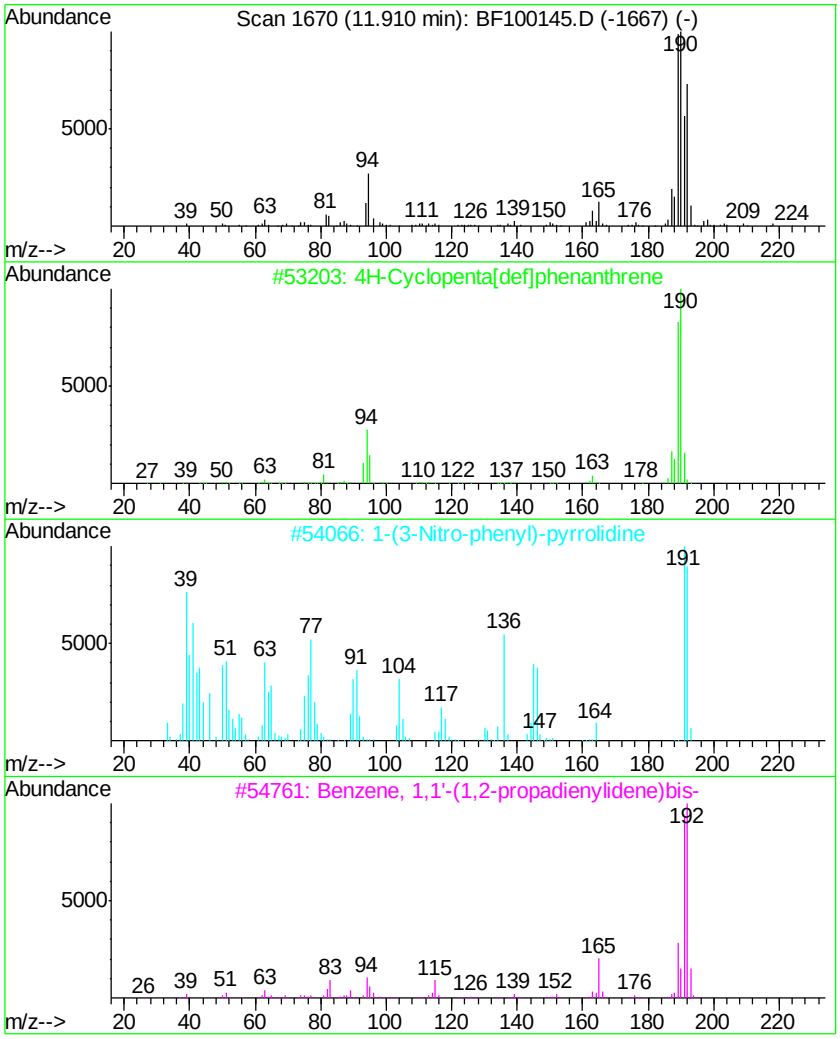
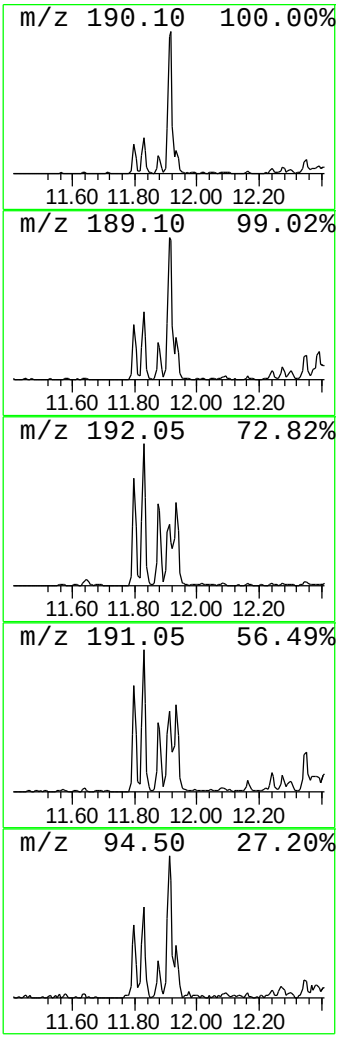
Peak Number 8 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.91	14.26 ng	573102	Phenanthrene-d10	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	92
2	1-(3-Nitro-phenyl)-pyrrolidine	192	C10H12N2O2	1000300-34-7	25
3	Benzene, 1,1'-(1,2-propadienylid...	192	C15H12	014251-57-1	22
4	3-Bromo-2-furoic acid	190	C5H3BrO3	014903-90-3	22
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	18





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110317\
Data File : BF100145.D
Acq On : 3 Nov 2017 20:04
Operator : SJ/JU
Sample : I6081-11
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
Q2-COMP-FILL

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.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 1H-Indene, 2-phenyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.93	5.21 ng	209510	Phenanthrene-d10	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	95
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93