LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM020818\
Data File : BM014196.D
Acq On : 08 Feb 2018 16:59
Operator : SJ/JU
Sample : J1455-8
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % 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_M\METHODS\8270-BM020718.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	5.163	361	370	382	rBV	1041794	1596933	15.46%	1.645%
2	6.734	631	637	640	rBV	622445	941368	9.11%	0.970%
3	6.769	640	643	651	rVB	287607	451799	4.37%	0.465%
4	6.928	663	670	677	rBV	152773	241689	2.34%	0.249%
5	7.081	689	696	703	rBV	2432810	3708469	35.91%	3.820%
6	7.540	768	774	784	rBV2	439498	867399	8.40%	0.893%
7	7.857	819	828	832	rBV	2263731	3726870	36.08%	3.839%
8	7.904	832	836	842	rVB	753456	1133361	10.97%	1.167%
9	8.022	850	856	861	rBV	142169	214661	2.08%	0.221%
10	8.169	874	881	885	rBV2	210008	329730	3.19%	0.340%
11	8.216	885	889	894	rVB2	124273	185867	1.80%	0.191%
12	8.328	903	908	916	rVB	109138	167676	1.62%	0.173%
13	8.628	953	959	965	rVV	508488	806636	7.81%	0.831%
14	8.704	965	972	991	rVV2	2534385	4319376	41.82%	4.449%
15	8.863	991	999	1009	rVV8	58341	154359	1.49%	0.159%
16	8.963	1009	1016	1021	rVV3	120202	223163	2.16%	0.230%
17	9.151	1042	1048	1052	rBV	515596	774939	7.50%	0.798%
18	9.210	1052	1058	1064	rVB	833964	1279547	12.39%	1.318%
19	9.510	1104	1109	1115	rBV4	181647	375174	3.63%	0.386%
20	9.563	1115	1118	1129	rVB2	136265	298099	2.89%	0.307%
21	9.710	1131	1143	1151	rBV2	1549242	2765104	26.77%	2.848%
22	9.787	1151	1156	1163	rVB2	99813	174933	1.69%	0.180%
23	9.875	1164	1171	1178	rBV4	79548	183581	1.78%	0.189%
24	9.945	1178	1183	1189	rVB	311019	485220	4.70%	0.500%
25	10.192	1214	1225	1230	rBV2	76945	232882	2.25%	0.240%
26	10.310	1233	1245	1249	rVV2	713429	1881550	18.22%	1.938%
27	10.357	1249	1253	1260	rVV3	441711	987427	9.56%	1.017%
28	10.422	1260	1264	1270	rVB	408117	627109	6.07%	0.646%
29	10.528	1278	1282	1290	rVB	156769	248210	2.40%	0.256%
30	10.610	1290	1296	1302	rBV2	70369	126157	1.22%	0.130%
31	10.681	1303	1308	1312	rBV2	80989	124506	1.21%	0.128%
32	10.775	1319	1324	1332	rVB3	186817	328629	3.18%	0.338%
33	10.887	1332	1343	1348	rBV	197245	370681	3.59%	0.382%
34	10.969	1353	1357	1362	rVB2	156737	251289	2.43%	0.259%

LSC Area Percent Report

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Operator : SJ/JU
Sample : J1455-8
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % 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_M\METHODS\8270-BM020718.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.222	1394	1400	1406	rVB3	363217	645105	6.25%	0.664%
36	11.416	1427	1433	1439	rVV	364749	639290	6.19%	0.658%
37	11.498	1443	1447	1452	rVB	131295	209251	2.03%	0.216%
38	11.639	1467	1471	1476	rVB	153294	250480	2.43%	0.258%
39	11.698	1476	1481	1485	rBV	195079	344336	3.33%	0.355%
40	11.792	1491	1497	1499	rBV6	108336	193946	1.88%	0.200%
41	11.869	1505	1510	1517	rVB3	489250	892057	8.64%	0.919%
42	11.945	1518	1523	1527	rBV3	101922	194417	1.88%	0.200%
43	12.210	1555	1568	1572	rBV	831260	1670645	16.18%	1.721%
44	12.428	1598	1605	1609	rBV8	74718	130447	1.26%	0.134%
45	12.522	1614	1621	1625	rVV7	146742	303629	2.94%	0.313%
46	12.657	1639	1644	1650	rBV4	74930	142457	1.38%	0.147%
47	12.810	1662	1670	1676	rBV	5451788	7842856	75.94%	8.078%
48	13.116	1718	1722	1728	rVB4	193152	362419	3.51%	0.373%
49	13.169	1728	1731	1738	rVB5	105353	182719	1.77%	0.188%
50	13.239	1738	1743	1748	rBV2	185804	314333	3.04%	0.324%
51	13.351	1757	1762	1770	rBV4	313015	888120	8.60%	0.915%
52	13.428	1772	1775	1777	rBV2	172280	189226	1.83%	0.195%
53	13.510	1783	1789	1794	rBV2	612254	1102413	10.67%	1.136%
54	13.569	1794	1799	1807	rVB2	590106	1077314	10.43%	1.110%
55	13.663	1811	1815	1821	rBV	116958	199145	1.93%	0.205%
56	13.751	1825	1830	1833	rBV	433376	667949	6.47%	0.688%
57	13.780	1833	1835	1842	rVB	341376	438645	4.25%	0.452%
58	13.869	1843	1850	1854	rBV2	301232	605785	5.87%	0.624%
59	13.922	1854	1859	1867	rVB2	470041	841777	8.15%	0.867%
60	14.022	1868	1876	1882	rBV6	266777	633723	6.14%	0.653%
61	14.198	1900	1906	1912	rBV2	1333522	2317606	22.44%	2.387%
62	14.257	1912	1916	1920	rVB2	234888	321287	3.11%	0.331%
63	14.327	1924	1928	1933	rVB2	255749	357310	3.46%	0.368%
64	14.386	1933	1938	1941	rBV3	303564	503921	4.88%	0.519%
65	14.445	1941	1948	1952	rVV7	379989	890177	8.62%	0.917%
66	14.510	1957	1959	1962	rVB2	160558	156725	1.52%	0.161%
67	14.598	1971	1974	1978	rBV	159377	222177	2.15%	0.229%
68	14.675	1983	1987	1991	rVB4	127422	177868	1.72%	0.183%
69	14.745	1995	1999	2002	rBV	209482	312224	3.02%	0.322%
70	14.822	2007	2012	2017	rBV4	517529	984115	9.53%	1.014%
71	14.869	2018	2020	2028	rVB3	272831	425944	4.12%	0.439%

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Misc :
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Instrument : BNA_G
ClientSampleId :

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM020718.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	14.974	2035	2038	2044	rBV4	87347	127111	1.23%	0.131%
73	15.051	2044	2051	2056	rVV4	935740	1644258	15.92%	1.694%
74	15.116	2056	2062	2066	rVV5	319162	724617	7.02%	0.746%
75	15.163	2066	2070	2078	rVB2	637776	1321110	12.79%	1.361%
76	15.251	2080	2085	2090	rBV2	353454	579023	5.61%	0.596%
77	15.351	2097	2102	2103	rBV4	230451	331474	3.21%	0.341%
78	15.374	2103	2106	2110	rVB	409664	549824	5.32%	0.566%
79	15.504	2124	2128	2130	rBV3	191254	268147	2.60%	0.276%
80	15.633	2142	2150	2155	rBV	3239116	5801562	56.17%	5.976%
81	15.704	2155	2162	2170	rVB	5037985	7190862	69.62%	7.407%
82	15.774	2170	2174	2175	rBV3	197023	235193	2.28%	0.242%
83	15.886	2189	2193	2196	rBV	188247	236326	2.29%	0.243%
84	15.939	2197	2202	2206	rVV5	195185	415712	4.03%	0.428%
85	15.980	2206	2209	2217	rVB3	262608	380132	3.68%	0.392%
86	16.310	2262	2265	2269	rVB2	193313	233604	2.26%	0.241%
87	16.392	2276	2279	2287	rVB10	127407	253829	2.46%	0.261%
88	16.816	2346	2351	2355	rBV3	194624	341159	3.30%	0.351%
89	16.868	2356	2360	2366	rVV8	150552	298163	2.89%	0.307%
90	16.957	2370	2375	2379	rVB	1298755	1734753	16.80%	1.787%
91	17.074	2393	2395	2400	rVB2	162137	178508	1.73%	0.184%
92	17.598	2480	2484	2494	rVB3	354991	666505	6.45%	0.687%
93	17.674	2494	2497	2501	rBV2	115208	154439	1.50%	0.159%
94	17.868	2526	2530	2535	rVB4	476582	635337	6.15%	0.654%
95	18.557	2644	2647	2653	rVB2	213446	306075	2.96%	0.315%
96	19.157	2746	2749	2758	rVB4	264889	359583	3.48%	0.370%
97	19.604	2819	2825	2830	rBV	8894360	10328180	100.00%	10.638%
98	20.880	3039	3042	3048	rVB3	340410	393013	3.81%	0.405%
99	21.162	3085	3090	3097	rBV	1355712	1751855	16.96%	1.804%
100	23.339	3454	3460	3468	rVB	715958	1429253	13.84%	1.472%

Sum of corrected areas: 97085838

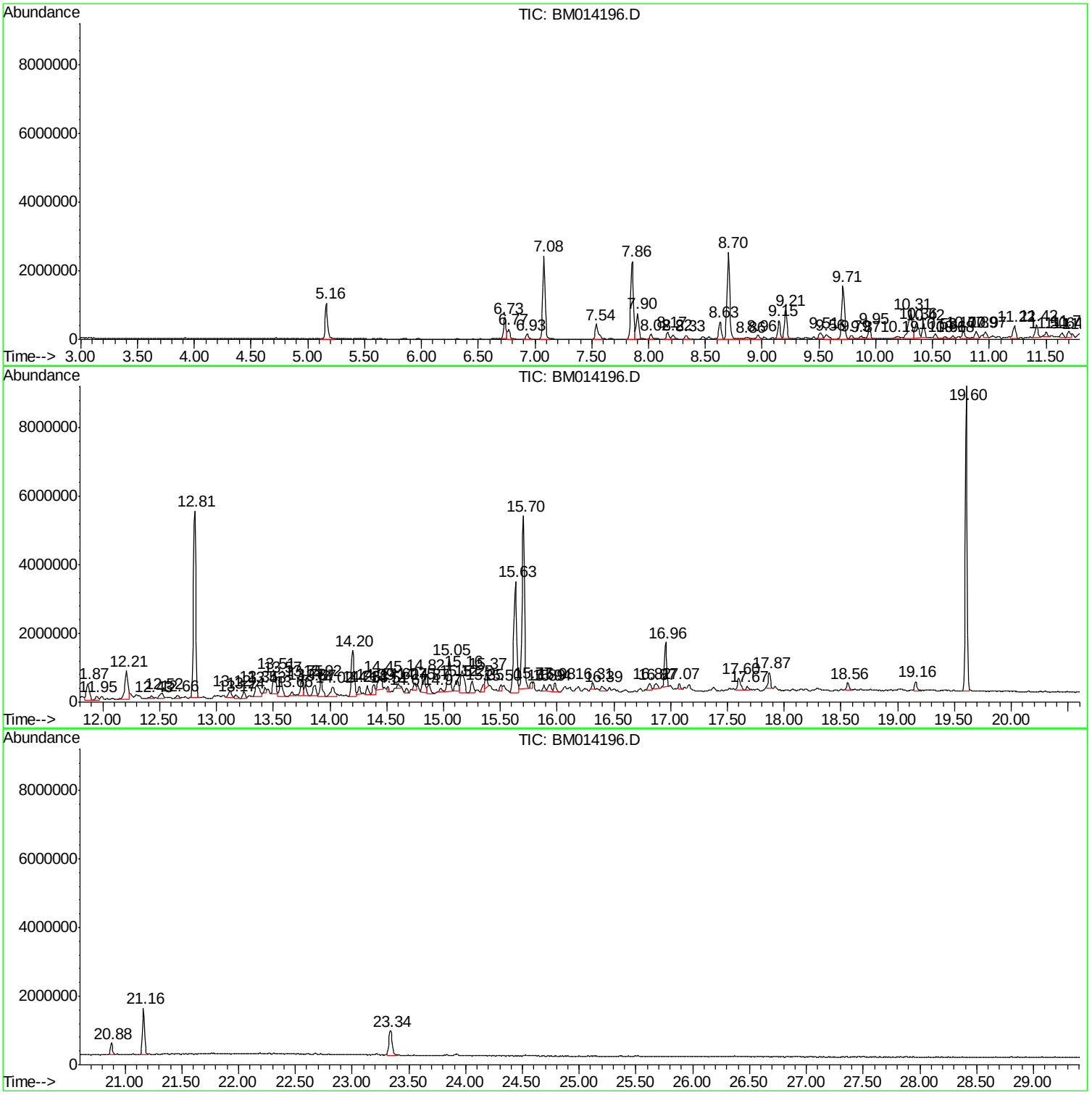
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA M\DATA\BM020818\
Data File : BM014196.D
Acq On : 08 Feb 2018 16:59
Operator : SJ/JU
Sample : J1455-8
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM020718.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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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****

Peak Number 1 1,3-Cyclopentanedione, 2-ch... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.08	85.51 ng	3708470	1,4-Dichlorobenzene-d4	7.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	35
2	1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	27
3	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	27
5	3H-1,2-Dithiol-3-one, 5-methyl-	132	C4H4OS2	003620-08-4	27

****

Peak Number 2 1,2-Dichlorobenzene-D4 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.86	85.93 ng	3726870	1,4-Dichlorobenzene-d4	7.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Dichlorobenzene-D4	150	C6D4Cl2	002199-69-1	97
2	1,4-Dichlorobenzene-D4	150	C6D4Cl2	003855-82-1	97
3	2-Chloro-4,6-difluoro-pyrimidine	150	C4HClF2N2	038953-30-9	25
4	2-Cyclohexene-1,4-dione, 5,6-dic...	398	C17H16Cl2N2O5	324051-66-3	10
5	N-(4-Nitro-1,8,-naphthalimido)-4...	406	C19H10N4O7	302954-98-9	10

****

Peak Number 3 Indane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.90	26.13 ng	1133360	1,4-Dichlorobenzene-d4	7.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	87
2	Benzene, 1-propenyl-	118	C9H10	000637-50-3	68
3	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	64
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	64
5	Deltacyclene	118	C9H10	007785-10-6	58

****

Peak Number 4 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.

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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM020718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.17	7.60 ng	329730	1,4-Dichlorobenzene-d4	7.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
3	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	94

****

Peak Number 5 Benzene, 2-ethyl-1,3-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.63	18.60 ng	806636	1,4-Dichlorobenzene-d4	7.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	93
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	93
3	Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	76
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	76
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	76

****

Peak Number 6 Benzene, 1-methyl-2-(1-meth... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.15	8.24 ng	774939	Naphthalene-d8	10.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	94
2	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91

****

Peak Number 7 Benzene, 1-methyl-2-(1-meth... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.21	13.60 ng	1279550	Naphthalene-d8	10.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

1	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4 96
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2 93
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7 93
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3 93
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9 91

****

Peak Number 8 3-Phenylbut-1-ene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.71	29.39 ng	2765100	Naphthalene-d8	10.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Phenylbut-1-ene	132	C10H12	000934-10-1	94
2	1-Phenyl-1-butene	132	C10H12	000824-90-8	94
3	Benzene, 2-butenyl-	132	C10H12	001560-06-1	93
4	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	87
5	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	87

****

Peak Number 9 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.87	9.48 ng	892057	Naphthalene-d8	10.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	89
2	2,3,4,5,6,7-Hexahydro-1H-cyclope...	146	C11H14	1000189-31-0	81
3	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	70
4	.alpha.,.beta.,.beta.-Trimethyls...	146	C11H14	000769-57-3	50
5	Benzene, (1-methylenebutyl)-	146	C11H14	005676-32-4	46

****

Peak Number 10 Naphthalene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.21	17.76 ng	1670650	Naphthalene-d8	10.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	97
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	97
3	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94

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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM020718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

4	Benzocycloheptatriene	142	C11H10	000264-09-5 94
5	Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1 91

****

Peak Number 11 Naphthalene, 1,5-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.35	7.66 ng	888120	Acenaphthene-d10	14.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	94
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	93
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	93
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	93
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	92

****

Peak Number 12 Naphthalene, 1,3-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.51	9.51 ng	1102410	Acenaphthene-d10	14.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95

****

Peak Number 13 Naphthalene, 1,6-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.57	9.30 ng	1077310	Acenaphthene-d10	14.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	94

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM020818\
Data File : BM014196.D
Acq On : 08 Feb 2018 16:59
Operator : SJ/JU
Sample : J1455-8
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM020718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

****
Peak Number 14 Benzoic acid, 2,4,5-trimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.45	7.68 ng	890177	Acenaphthene-d10	14.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 2,4,5-trimethyl-	164	C10H12O2	000528-90-5	76
2	Ethyl m-methylbenzoate	164	C10H12O2	000120-33-2	64
3	Ethyl 4-methylbenzoate	164	C10H12O2	000094-08-6	52
4	4-Aminostyrene	119	C8H9N	001520-21-4	50
5	Benzoic acid, 2,4,6-trimethyl-	164	C10H12O2	000480-63-7	46

****
Peak Number 15 Naphthalene, 1,6,7-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.82	8.49 ng	984115	Acenaphthene-d10	14.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	95
4	Azulene, 4,6,8-trimethyl-	170	C13H14	000941-81-1	70
5	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	62

****
Peak Number 16 1H-Inden-1-one, 2,3-dihydro... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.05	14.19 ng	1644260	Acenaphthene-d10	14.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Inden-1-one, 2,3-dihydro-4,7-...	160	C11H12O	005037-60-5	91
2	1H-Inden-1-one, 2,3-dihydro-5,7-...	160	C11H12O	006682-69-5	81
3	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	70
4	1-Indanone, 5,6-dimethyl-	160	C11H12O	016440-97-4	58
5	Benzene, 1-butenyl-, (E)-	132	C10H12	001005-64-7	55

****
Peak Number 17 4-Isopropylphenylacetic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.

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Data File : BM014196.D
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Sample : J1455-8
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM020718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

15.16	11.40 ng	1321110	Acenaphthene-d10	14.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Isopropylphenylacetic acid	178	C11H14O2	004476-28-2	64
2	Pyridine, 2,6-epidioxy-5-ethyl-3...	178	C9H10N2O2	1000263-31-1	47
3	Propofol	178	C12H18O	002078-54-8	47
4	Ethanone, 1-(2,3-dihydro-1,4-ben...	178	C10H10O3	002879-20-1	43
5	6-tert-Butyl-2,4-dimethylphenol	178	C12H18O	001879-09-0	43

****

Peak Number 18 1-Naphthalenecarboxylic aci... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.63	66.89 ng	5801560	Phenanthrene-d10	16.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Naphthalenecarboxylic acid, 5,...	176	C11H12O2	004242-18-6	58
2	3-Pentenoic acid, 4-phenyl-	176	C11H12O2	053774-19-9	47
3	Propanedinitrile, (2,3-dihydro-1...	196	C13H12N2	069564-96-1	35
4	2-Propenoic acid, 3-phenyl-, eth...	176	C11H12O2	000103-36-6	35
5	Benzene, (2-chloro-2-butenyl)-	166	C10H11Cl	054411-12-0	35

****

Peak Number 19 2,3-Dihydro-1-oxo-1H-phenalene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.60	7.68 ng	666505	Phenanthrene-d10	16.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3-Dihydro-1-oxo-1H-phenalene	182	C13H10O	000518-85-4	76
2	Acenaphthene	154	C12H10	000083-32-9	43
3	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	38
4	5H-Cyclopenta[2,1-b:3,4-b']dipyr...	182	C11H6N2O	050890-67-0	35
5	Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	30

****

Peak Number 20 n-Hexadecanoic acid Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.87	7.32 ng	635337	Phenanthrene-d10	16.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual

Library Search Compound Report

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TIC Integration Parameters: LSCINT.P

1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
2	Tridecanoic acid	214	C13H26O2	000638-53-9	86
3	Nonanoic acid	158	C9H18O2	000112-05-0	30
4	Butanoic acid, 3-methyl-, 1-meth...	144	C8H16O2	032665-23-9	27
5	2-Piperidinone, N-[4-bromo-n-but...	233	C9H16BrNO	195194-80-0	20

Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM020818\
Data File : BM014196.D
Acq On : 08 Feb 2018 16:59
Operator : SJ/JU
Sample : J1455-8
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM020718.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
1,3-Cyclopentaned...	7.08	85.5	ng	3708470	1	7.54	867399	20.0
1,2-Dichlorobenze...	7.86	85.9	ng	3726870	1	7.54	867399	20.0
Indane	7.90	26.1	ng	1133360	1	7.54	867399	20.0
Benzene, 1-ethyl-...	8.17	7.6	ng	329730	1	7.54	867399	20.0
Benzene, 2-ethyl-...	8.63	18.6	ng	806636	1	7.54	867399	20.0
Benzene, 1-methyl...	9.15	8.2	ng	774939	2	10.31	1881550	20.0
Benzene, 1-methyl...	9.21	13.6	ng	1279550	2	10.31	1881550	20.0
3-Phenylbut-1-ene	9.71	29.4	ng	2765100	2	10.31	1881550	20.0
Naphthalene, 1,2,...	11.87	9.5	ng	892057	2	10.31	1881550	20.0
Naphthalene, 2-me...	12.21	17.8	ng	1670650	2	10.31	1881550	20.0
Naphthalene, 1,5-...	13.35	7.7	ng	888120	3	14.20	2317610	20.0
Naphthalene, 1,3-...	13.51	9.5	ng	1102410	3	14.20	2317610	20.0
Naphthalene, 1,6-...	13.57	9.3	ng	1077310	3	14.20	2317610	20.0
Benzoic acid, 2,4...	14.45	7.7	ng	890177	3	14.20	2317610	20.0
Naphthalene, 1,6,...	14.82	8.5	ng	984115	3	14.20	2317610	20.0
1H-Inden-1-one, 2...	15.05	14.2	ng	1644260	3	14.20	2317610	20.0
4-Isopropylphenyl...	15.16	11.4	ng	1321110	3	14.20	2317610	20.0
1-Naphthalenecarb...	15.63	66.9	ng	5801560	4	16.96	1734750	20.0
2,3-Dihydro-1-oxo...	17.60	7.7	ng	666505	4	16.96	1734750	20.0
n-Hexadecanoic acid	17.87	7.3	ng	635337	4	16.96	1734750	20.0