LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080217\
Data File : BF097289.D
Acq On : 2 Aug 2017 22:34
Operator : SJ/JU
Sample : I4540-17 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VNJ-221

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-BF072517.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	3.099	202	206	213	rVB5	5207	12259	1.26%	0.102%
2	4.557	451	454	466	rBV	117070	161527	16.60%	1.347%
3	5.045	534	537	555	rBV	418536	553152	56.86%	4.612%
4	6.122	717	720	734	rBV	498183	715220	73.52%	5.963%
5	6.228	734	738	745	rVB	653563	718107	73.82%	5.987%
6	6.451	772	776	785	rBV	705459	714187	73.41%	5.954%
7	6.540	788	791	798	rBV	17167	23368	2.40%	0.195%
8	6.604	798	802	813	rVB	524923	481702	49.51%	4.016%
9	7.016	869	872	880	rBV	444211	402425	41.37%	3.355%
10	7.381	931	934	938	rBV	12275	10948	1.13%	0.091%
11	7.734	990	994	1003	rBV	1136558	972841	100.00%	8.111%
12	8.810	1173	1177	1180	rBV	783885	641176	65.91%	5.345%
13	9.210	1242	1245	1251	rVB	111280	88886	9.14%	0.741%
14	9.339	1264	1267	1270	rBV	14513	11751	1.21%	0.098%
15	9.475	1286	1290	1294	rBV	976506	880622	90.52%	7.342%
16	9.504	1294	1295	1301	rVB	21986	18632	1.92%	0.155%
17	9.680	1321	1325	1330	rBV	13449	14533	1.49%	0.121%
18	9.933	1365	1368	1371	rVB	16645	15106	1.55%	0.126%
19	10.022	1380	1383	1386	rBV2	21876	21145	2.17%	0.176%
20	10.151	1400	1405	1408	rBV4	7944	11710	1.20%	0.098%
21	10.263	1421	1424	1431	rBV	355435	320870	32.98%	2.675%
22	10.398	1444	1447	1453	rVB2	25339	31132	3.20%	0.260%
23	10.769	1507	1510	1513	rBV	14044	11163	1.15%	0.093%
24	10.845	1519	1523	1526	rVB2	24502	23323	2.40%	0.194%
25	10.951	1537	1541	1543	rBV	789754	762606	78.39%	6.358%
26	10.969	1543	1544	1549	rVV	222169	171319	17.61%	1.428%
27	11.027	1549	1554	1558	rVB	63205	65861	6.77%	0.549%
28	11.069	1558	1561	1563	rBV3	10313	11785	1.21%	0.098%
29	11.192	1579	1582	1586	rBV	17992	15941	1.64%	0.133%
30	11.269	1593	1595	1601	rBV5	10901	12720	1.31%	0.106%
31	11.451	1623	1626	1628	rBV	36434	34199	3.52%	0.285%
32	11.480	1628	1631	1633	rVV	42252	39339	4.04%	0.328%
33	11.504	1633	1635	1637	rVV	34156	31508	3.24%	0.263%
34	11.527	1637	1639	1642	rVV	44442	42320	4.35%	0.353%

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Sample : I4540-17 5X
Misc :
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Instrument : BNA_F
ClientSampleId : VNJ-221

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-BF072517.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.557	1642	1644	1647	rVV	61056	67075	6.89%	0.559%
36	11.580	1647	1648	1652	rVB	27573	20255	2.08%	0.169%
37	11.674	1660	1664	1669	rBV5	13843	18212	1.87%	0.152%
38	11.745	1673	1676	1679	rVV	22743	20818	2.14%	0.174%
39	11.780	1679	1682	1684	rVV	19840	16236	1.67%	0.135%
40	11.892	1697	1701	1704	rBV4	10918	15868	1.63%	0.132%
41	11.998	1716	1719	1722	rBV	28042	29357	3.02%	0.245%
42	12.033	1722	1725	1727	rVV3	17082	19460	2.00%	0.162%
43	12.086	1731	1734	1739	rVB2	27141	26833	2.76%	0.224%
44	12.151	1742	1745	1750	rBV	347551	330295	33.95%	2.754%
45	12.204	1750	1754	1755	rBV4	12482	11035	1.13%	0.092%
46	12.298	1766	1770	1773	rBV4	23618	34716	3.57%	0.289%
47	12.374	1779	1783	1787	rBV	291569	304862	31.34%	2.542%
48	12.433	1791	1793	1798	rVB5	34589	39791	4.09%	0.332%
49	12.504	1803	1805	1806	rVV	18373	14340	1.47%	0.120%
50	12.527	1806	1809	1816	rVB	501807	462918	47.58%	3.859%
51	12.604	1817	1822	1826	rBV3	19940	32833	3.37%	0.274%
52	12.657	1829	1831	1833	rBV3	9292	11265	1.16%	0.094%
53	12.692	1833	1837	1838	rVV4	19683	24473	2.52%	0.204%
54	12.710	1838	1840	1844	rVB2	41919	37245	3.83%	0.311%
55	12.774	1848	1851	1855	rBV2	36598	51054	5.25%	0.426%
56	12.810	1855	1857	1862	rVB2	31333	34390	3.54%	0.287%
57	12.898	1870	1872	1876	rVB	18017	16616	1.71%	0.139%
58	12.933	1876	1878	1880	rBV3	18756	20913	2.15%	0.174%
59	13.127	1909	1911	1914	rVB3	24441	19002	1.95%	0.158%
60	13.221	1924	1927	1930	rBV2	36009	42334	4.35%	0.353%
61	13.321	1940	1944	1946	rBV3	33962	43156	4.44%	0.360%
62	13.351	1947	1949	1951	rVV3	18236	16022	1.65%	0.134%
63	13.427	1960	1962	1964	rBV	18516	13593	1.40%	0.113%
64	13.457	1964	1967	1971	rVB	58471	67043	6.89%	0.559%
65	13.574	1982	1987	1989	rBV2	648337	745078	76.59%	6.212%
66	13.598	1989	1991	1996	rVB	144979	119574	12.29%	0.997%
67	13.921	2043	2046	2049	rBV5	35726	56434	5.80%	0.470%
68	14.074	2070	2072	2073	rBV	34931	30549	3.14%	0.255%
69	14.563	2152	2155	2162	rBV	139657	221084	22.73%	1.843%
70	14.651	2168	2170	2173	rBV2	45118	34791	3.58%	0.290%
71	14.810	2195	2197	2202	rVB	70919	81840	8.41%	0.682%

LSC Area Percent Report

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Sample : I4540-17 5X
Misc :
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Instrument : BNA_F
ClientSampleId : VNJ-221

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-BF072517.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	14.868	2203	2207	2210	rBV	96540	115261	11.85%	0.961%
73	14.915	2211	2215	2219	rBV	443629	514217	52.86%	4.287%
74	16.374	2461	2463	2465	rBV3	25844	23694	2.44%	0.198%
75	17.339	2623	2627	2629	rBV5	23496	37230	3.83%	0.310%
76	18.750	2863	2867	2868	rBV3	20278	30983	3.18%	0.258%
77	18.945	2898	2900	2904	rBV5	17055	28618	2.94%	0.239%
78	19.039	2914	2916	2918	rBV3	17253	16060	1.65%	0.134%
79	19.209	2943	2945	2946	rBV2	20502	13913	1.43%	0.116%
80	19.345	2965	2968	2969	rBV3	16886	20088	2.06%	0.167%

Sum of corrected areas: 11994807

LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080217\
Data File : BF097289.D
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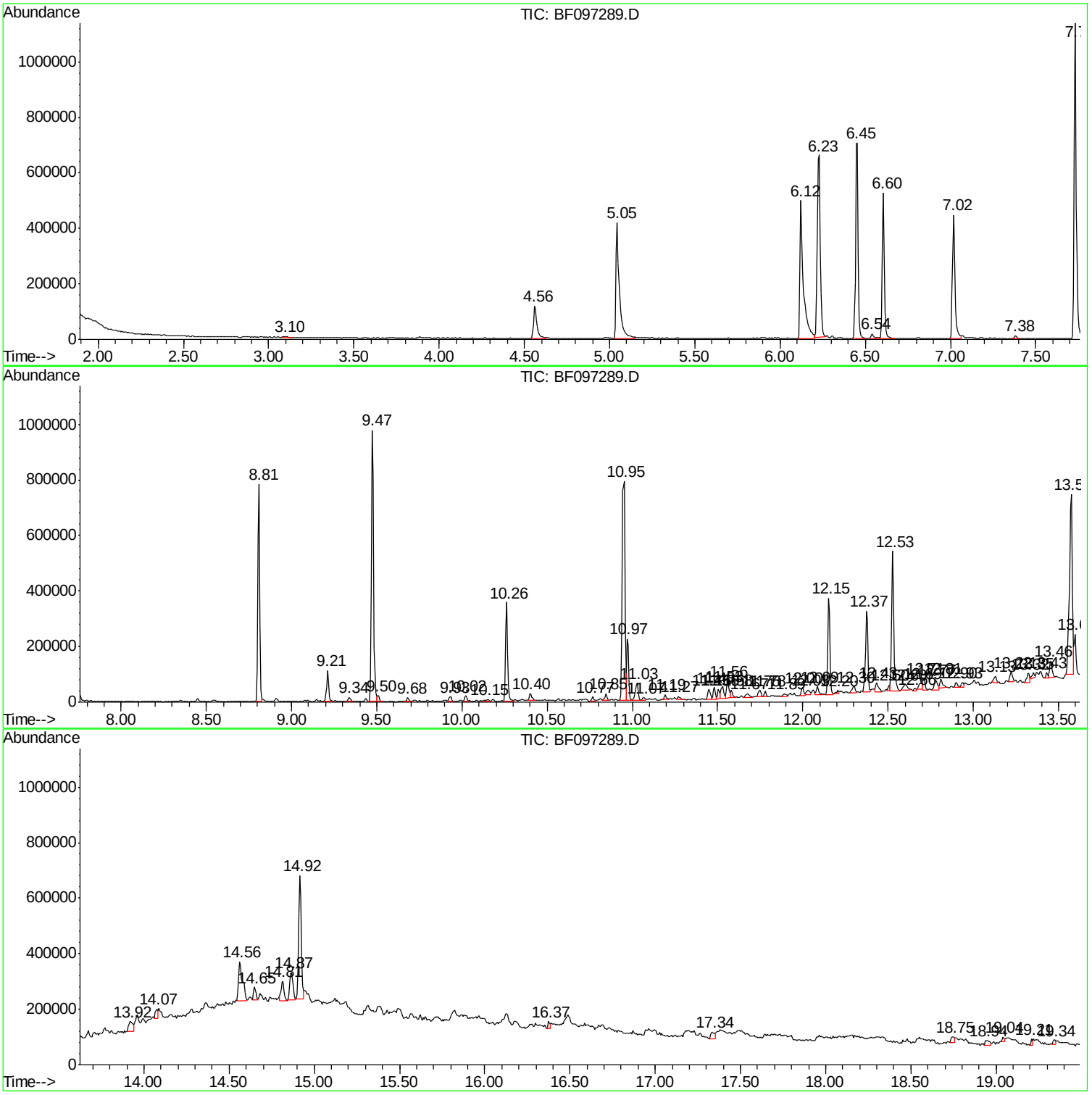
Sample : I4540-17 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VNJ-221

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.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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Acq On : 2 Aug 2017 22:34
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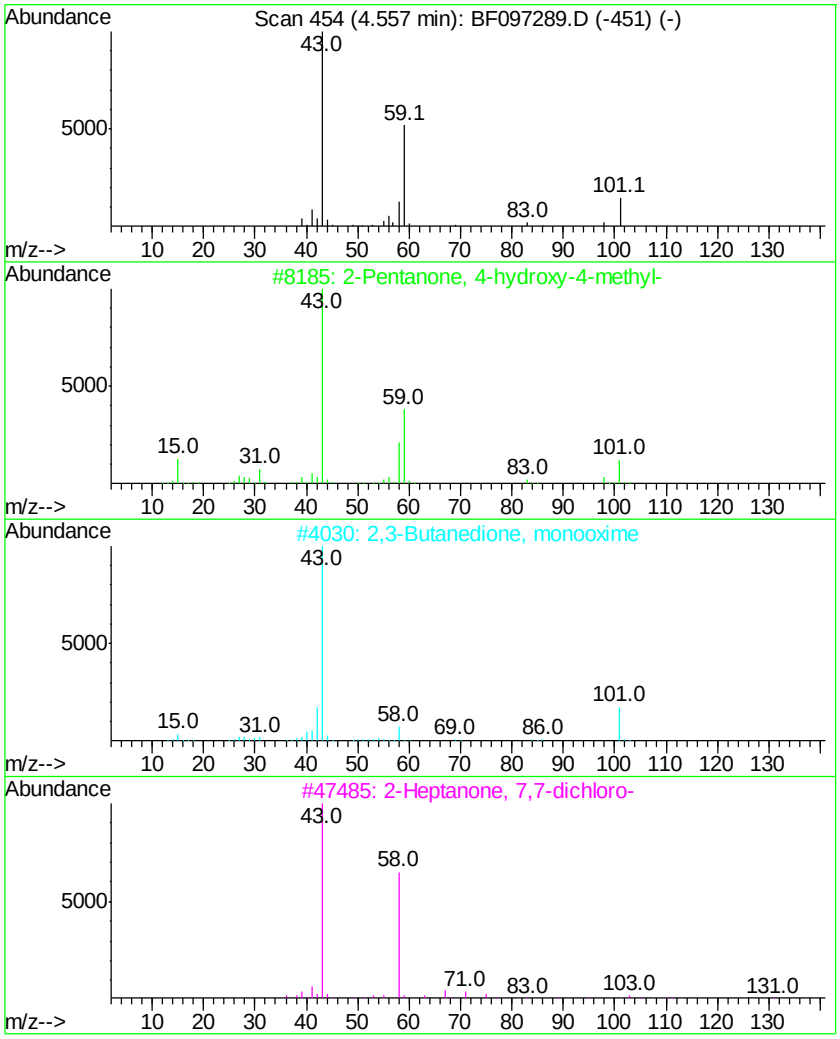
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

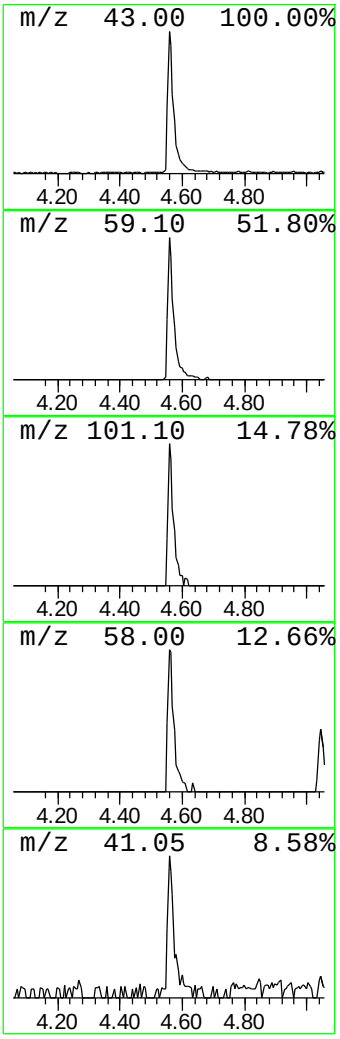
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.56	4.52 ng	161527	1,4-Dichlorobenzene-d4	6.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
3	2-Heptanone, 7,7-dichloro-	182	C7H12Cl2O	066241-43-8	9
4	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	9
5	1,3,4-Oxadiazole, 2-(acetyloxy)-...	172	C7H12N2O3	066398-57-0	9





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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
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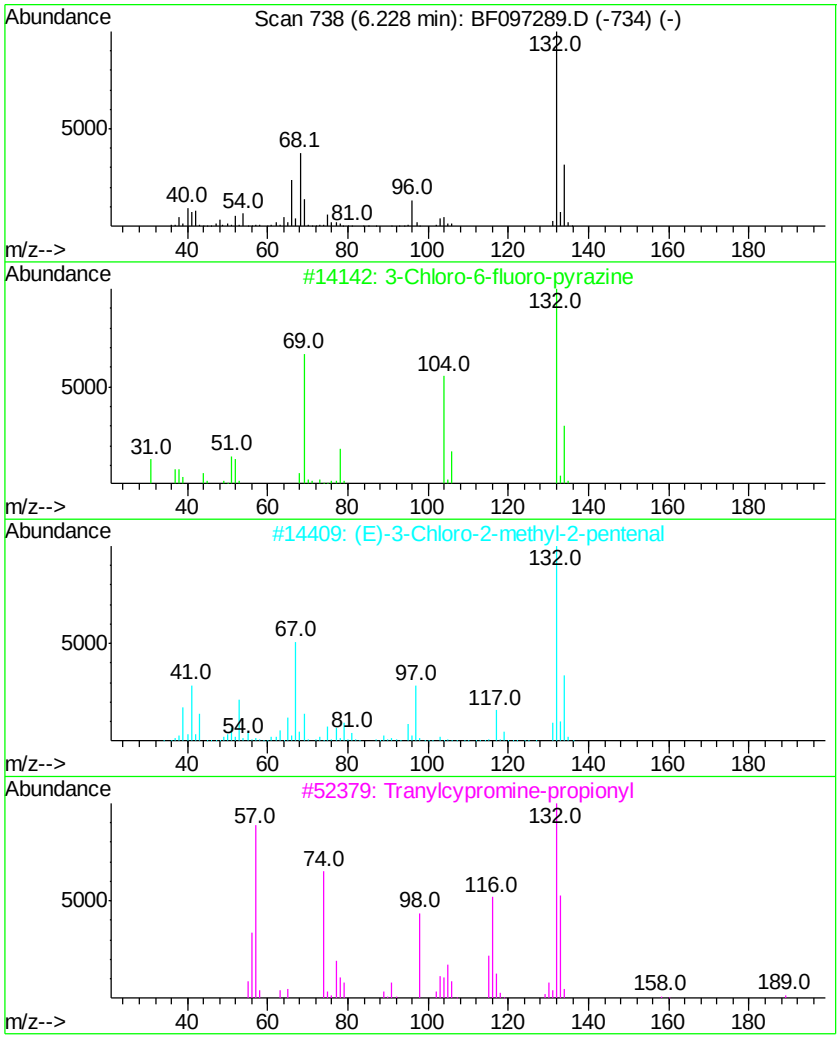
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

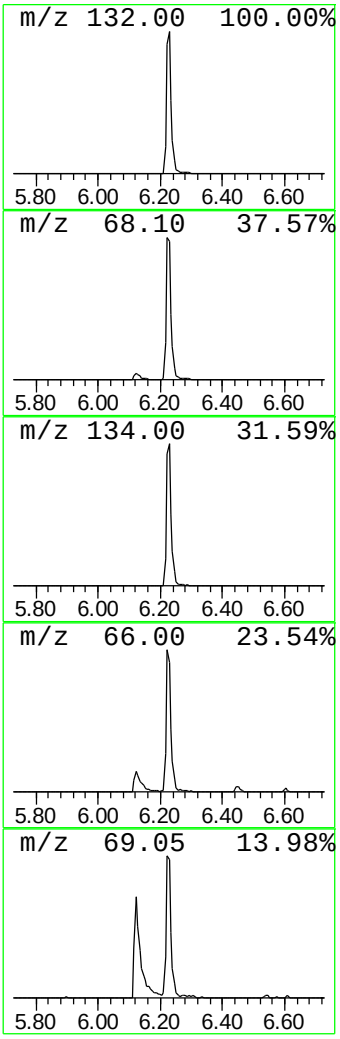
****

Peak Number 2 unknown6.23 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.23	20.11 ng	718107	1,4-Dichlorobenzene-d4	6.45

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	16
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	5-Aminoindole	132	C8H8N2	005192-03-0	12
5	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080217\
Data File : BF097289.D
Acq On : 2 Aug 2017 22:34
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

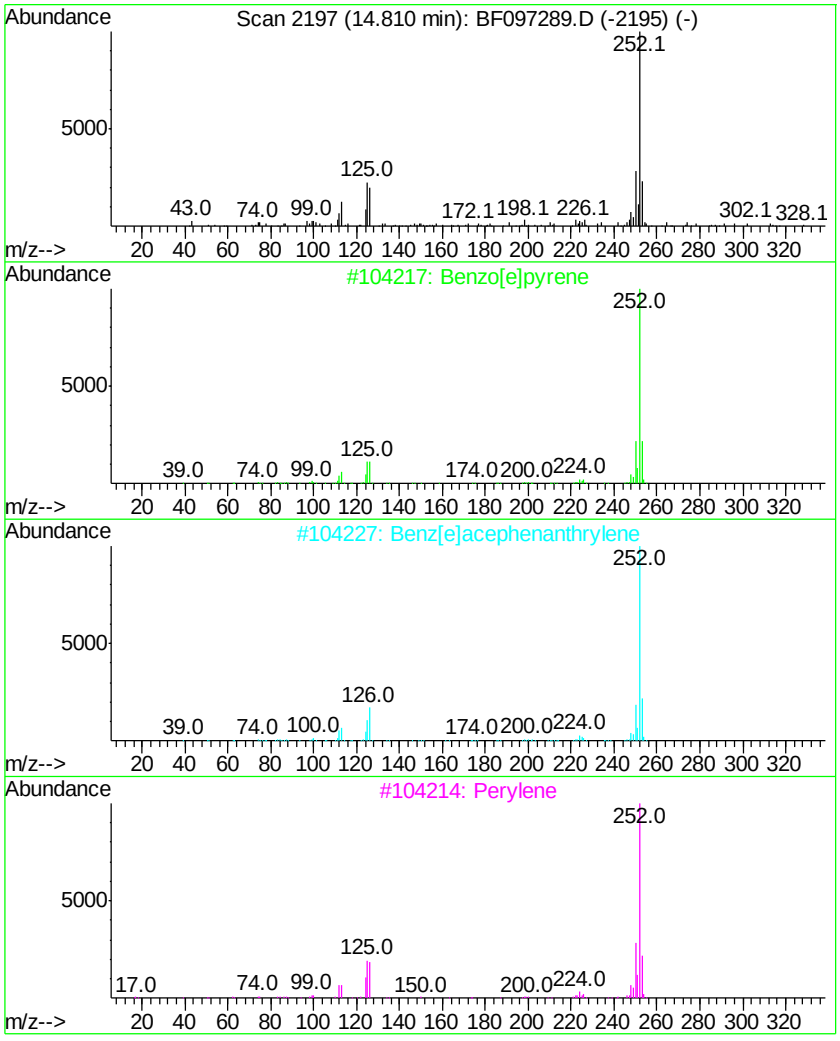
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

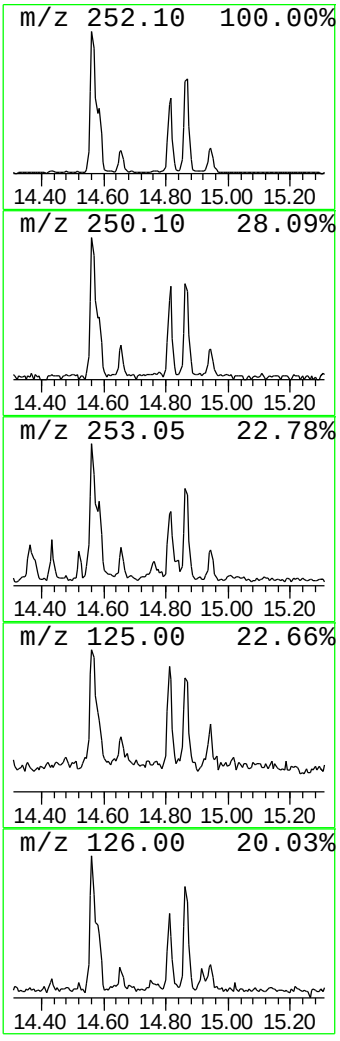
****

Peak Number 4 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.81	3.18 ng	81840	Perylene-d12	14.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	95
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	95
3	Perylene	252	C20H12	000198-55-0	95
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	94
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.56	4.5	ng	161527	1	6.45	714187	20.0
unknown6.23	6.23	20.1	ng	718107	1	6.45	714187	20.0
Benzo[e]pyrene	14.81	3.2	ng	81840	6	14.92	514217	20.0