LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092717\
Data File : BF098872.D
Acq On : 27 Sep 2017 19:38
Operator : SJ/JU
Sample : I5404-01 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-72(9.5-10)

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-BF092317.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	4.004	321	326	332	rVB	13330	18104	1.51%	0.120%
2	5.122	513	516	527	rVB	128058	125184	10.43%	0.829%
3	5.522	580	584	587	rBV	845327	725916	60.46%	4.805%
4	6.522	751	754	759	rVB	792792	725847	60.45%	4.805%
5	6.675	776	780	784	rVV	954699	759340	63.24%	5.026%
6	6.739	788	791	795	rBV	23762	21583	1.80%	0.143%
7	6.910	816	820	824	rVB	972146	825075	68.72%	5.461%
8	7.069	843	847	850	rVB	599704	542514	45.19%	3.591%
9	7.469	911	915	918	rBV	541951	435131	36.24%	2.880%
10	8.192	1034	1038	1041	rBV	1319898	1124780	93.68%	7.445%
11	8.351	1062	1065	1069	rBV	45148	37236	3.10%	0.246%
12	9.263	1216	1220	1224	rBV	877238	738427	61.50%	4.888%
13	9.657	1284	1287	1294	rVB	176747	156192	13.01%	1.034%
14	9.810	1310	1313	1316	rBV	60829	49842	4.15%	0.330%
15	9.869	1319	1323	1326	rVV2	12680	16675	1.39%	0.110%
16	9.951	1332	1337	1340	rBV	1435767	1200646	100.00%	7.947%
17	10.151	1366	1371	1375	rVB4	9298	14722	1.23%	0.097%
18	10.492	1427	1429	1435	rVB2	12623	17256	1.44%	0.114%
19	10.733	1465	1470	1475	rBV	523692	436784	36.38%	2.891%
20	10.845	1486	1489	1490	rBV	23115	19662	1.64%	0.130%
21	11.039	1518	1522	1525	rBV6	10700	14500	1.21%	0.096%
22	11.327	1567	1571	1576	rVB3	12228	21762	1.81%	0.144%
23	11.439	1586	1590	1592	rBV	1231572	1161601	96.75%	7.689%
24	11.457	1592	1593	1597	rVV	169694	124006	10.33%	0.821%
25	11.510	1600	1602	1604	rVB	41803	28656	2.39%	0.190%
26	11.722	1635	1638	1643	rVB3	9997	14339	1.19%	0.095%
27	11.816	1651	1654	1657	rBV2	19196	16175	1.35%	0.107%
28	11.939	1671	1675	1677	rBV	41336	46382	3.86%	0.307%
29	11.963	1677	1679	1682	rVV	65064	53353	4.44%	0.353%
30	12.010	1684	1687	1690	rVV	21894	22522	1.88%	0.149%
31	12.045	1690	1693	1696	rVV2	63652	80695	6.72%	0.534%
32	12.069	1696	1697	1703	rVB	43487	31323	2.61%	0.207%
33	12.233	1722	1725	1727	rBV	43852	37380	3.11%	0.247%
34	12.251	1727	1728	1733	rVB4	15163	16352	1.36%	0.108%

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Instrument : BNA_F
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Integrator: RTE
Smoothing : ON Filtering: 5
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Stop Thrs : 0 Peak Location: TOP

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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.410	1752	1755	1757	rBV2	20899	14686	1.22%	0.097%
36	12.486	1764	1768	1770	rBV	55638	54374	4.53%	0.360%
37	12.521	1770	1774	1776	rVV3	38422	49272	4.10%	0.326%
38	12.569	1780	1782	1787	rBV2	26599	31751	2.64%	0.210%
39	12.645	1792	1795	1799	rBV	283568	247501	20.61%	1.638%
40	12.739	1809	1811	1814	rVB	16805	14604	1.22%	0.097%
41	12.833	1824	1827	1829	rVB3	19724	18890	1.57%	0.125%
42	12.874	1829	1834	1841	rBV	276540	324176	27.00%	2.146%
43	12.927	1841	1843	1847	rVB2	25922	26380	2.20%	0.175%
44	12.992	1847	1854	1855	rBV4	20149	28777	2.40%	0.190%
45	13.016	1855	1858	1865	rVB	743864	617292	51.41%	4.086%
46	13.092	1865	1871	1874	rBV4	36934	58435	4.87%	0.387%
47	13.186	1882	1887	1888	rBV5	31477	43564	3.63%	0.288%
48	13.204	1888	1890	1894	rVB	48999	40821	3.40%	0.270%
49	13.269	1899	1901	1903	rVV	25946	19603	1.63%	0.130%
50	13.310	1904	1908	1910	rVB2	48997	47164	3.93%	0.312%
51	13.398	1921	1923	1926	rVB	41904	36343	3.03%	0.241%
52	13.433	1926	1929	1932	rVB	37573	35777	2.98%	0.237%
53	13.604	1955	1958	1964	rVB7	16414	26757	2.23%	0.177%
54	13.710	1970	1976	1980	rBV2	35590	54016	4.50%	0.358%
55	13.821	1991	1995	1998	rBV2	21580	31946	2.66%	0.211%
56	13.851	1998	2000	2002	rVB	23069	14608	1.22%	0.097%
57	13.874	2002	2004	2006	rBV	22061	22228	1.85%	0.147%
58	13.910	2007	2010	2016	rVB3	40352	70569	5.88%	0.467%
59	13.963	2017	2019	2022	rVB3	20207	18087	1.51%	0.120%
60	14.074	2030	2038	2041	rBV	1046473	1059733	88.26%	7.015%
61	14.098	2041	2042	2047	rVB	151575	107143	8.92%	0.709%
62	14.227	2060	2064	2071	rVB8	21237	44405	3.70%	0.294%
63	14.298	2072	2076	2078	rBV4	11440	16127	1.34%	0.107%
64	14.457	2100	2103	2107	rVB2	44198	50305	4.19%	0.333%
65	14.492	2107	2109	2113	rBV	26754	21661	1.80%	0.143%
66	14.533	2113	2116	2122	rBV7	24487	47794	3.98%	0.316%
67	14.586	2122	2125	2127	rBV2	24777	25955	2.16%	0.172%
68	14.845	2167	2169	2171	rBV2	17800	16311	1.36%	0.108%
69	14.921	2179	2182	2187	rBV3	29497	41157	3.43%	0.272%
70	15.121	2212	2216	2219	rBV	124516	182278	15.18%	1.207%
71	15.192	2225	2228	2231	rVV2	31467	32081	2.67%	0.212%

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Instrument : BNA_F
ClientSampleId : B-72(9.5-10)

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Integrator: RTE
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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	15.233	2232	2235	2239	rVB	34421	39363	3.28%	0.261%
73	15.433	2265	2269	2275	rVB	93269	128815	10.73%	0.853%
74	15.498	2275	2280	2286	rBV	124158	169491	14.12%	1.122%
75	15.568	2286	2292	2303	rVB	651815	955942	79.62%	6.328%
76	15.833	2335	2337	2341	rVB5	14956	16856	1.40%	0.112%
77	15.898	2344	2348	2350	rBV5	16844	22859	1.90%	0.151%
78	16.027	2366	2370	2374	rVB2	28721	39141	3.26%	0.259%
79	16.545	2453	2458	2465	rVB4	33520	69644	5.80%	0.461%
80	16.733	2487	2490	2500	rVB10	24038	48383	4.03%	0.320%
81	17.062	2540	2546	2554	rVB2	53318	111900	9.32%	0.741%
82	17.156	2558	2562	2567	rVB4	22934	41885	3.49%	0.277%
83	17.515	2617	2623	2633	rVB2	45233	103080	8.59%	0.682%
84	17.880	2681	2685	2694	rVB8	24134	60100	5.01%	0.398%
85	18.739	2822	2831	2837	rBV8	15005	47463	3.95%	0.314%

Sum of corrected areas: 15107455

LSC Report - Integrated Chromatogram

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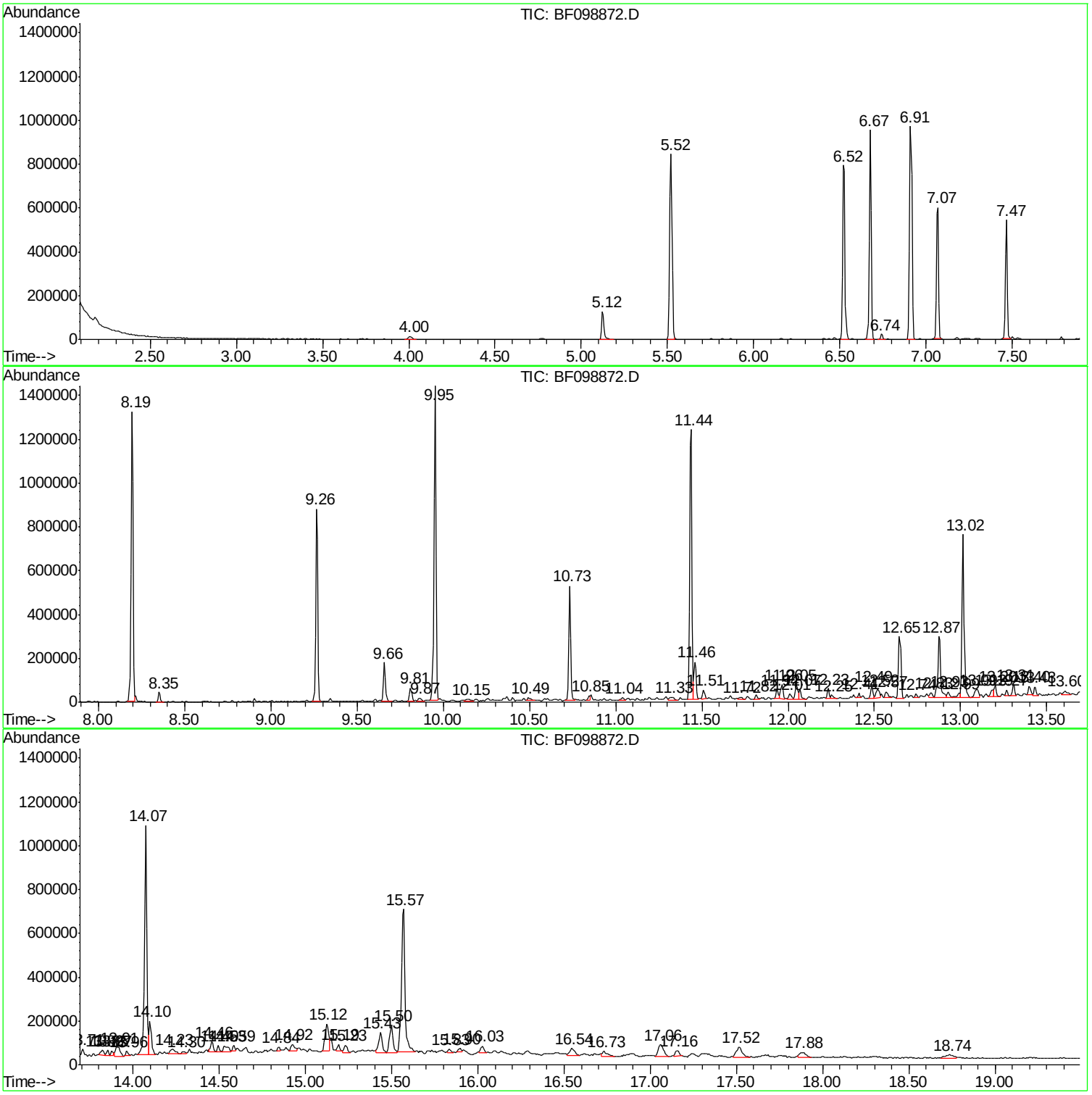
Sample : I5404-01 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-72(9.5-10)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.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\BF092717\
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Operator : SJ/JU
Sample : I5404-01 5X
Misc :
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Instrument : BNA_F
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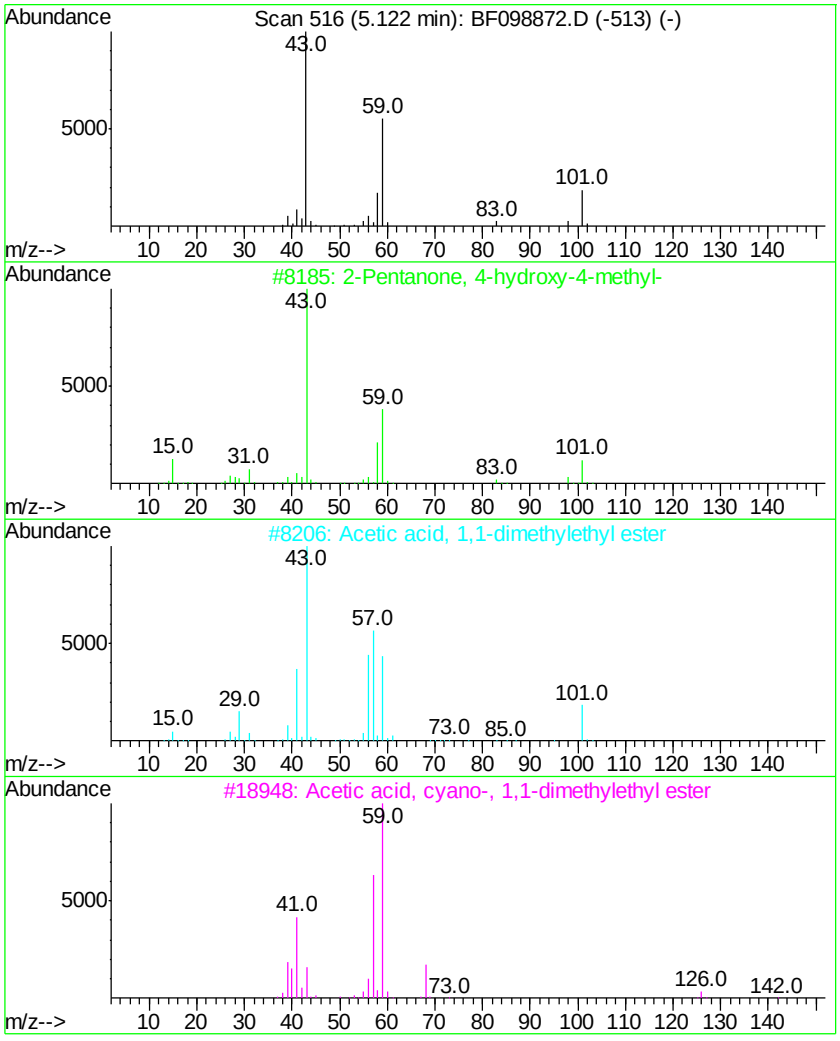
TIC Integration Parameters: LSCINT.P

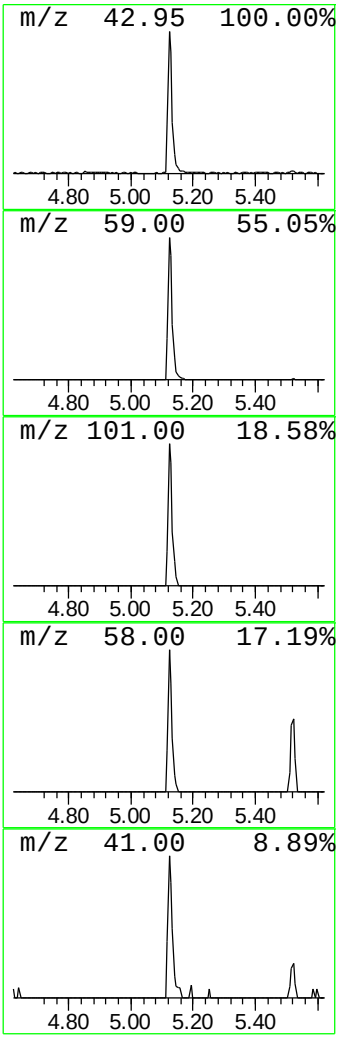
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.12	3.03 ng	125184	1,4-Dichlorobenzene-d4	6.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
4	Acetone	58	C3H6O	000067-64-1	9
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9





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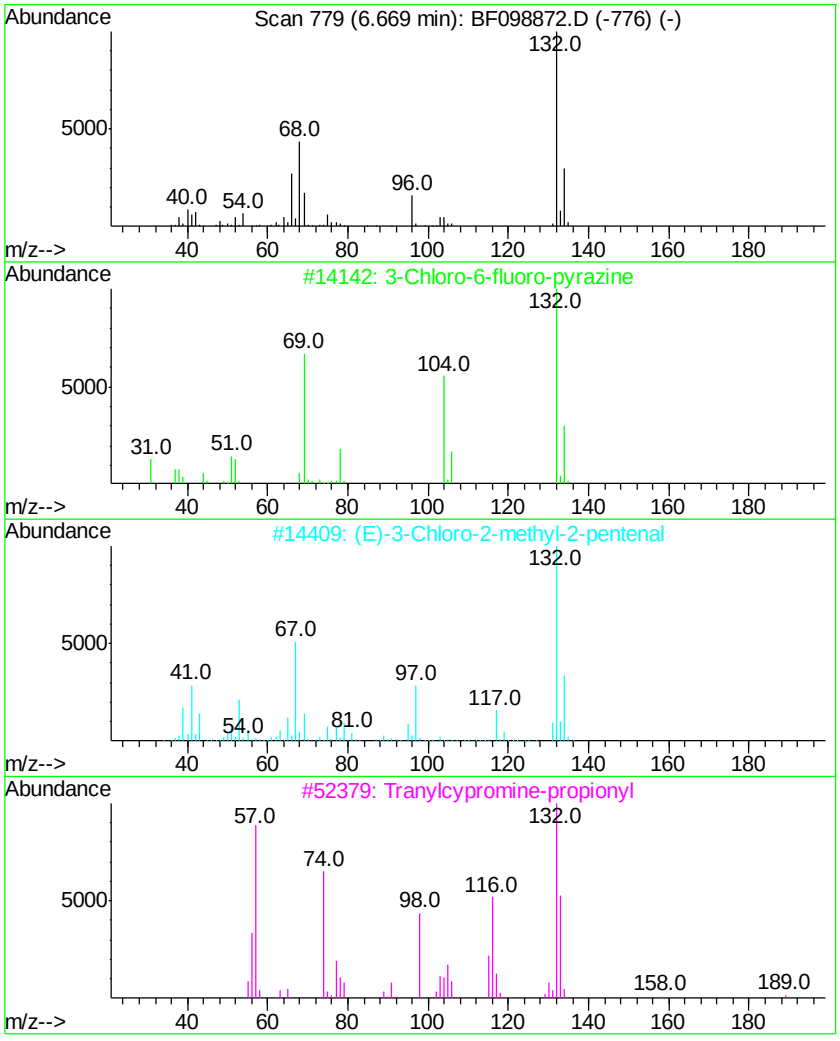
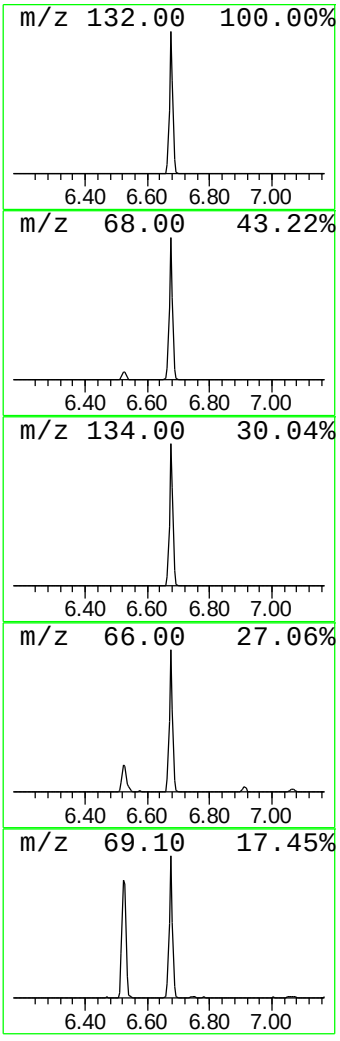
****

Peak Number 2 unknown6.67 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.67	18.41 ng	759340	1,4-Dichlorobenzene-d4	6.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	5-Aminoindole	132	C8H8N2	005192-03-0	12
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





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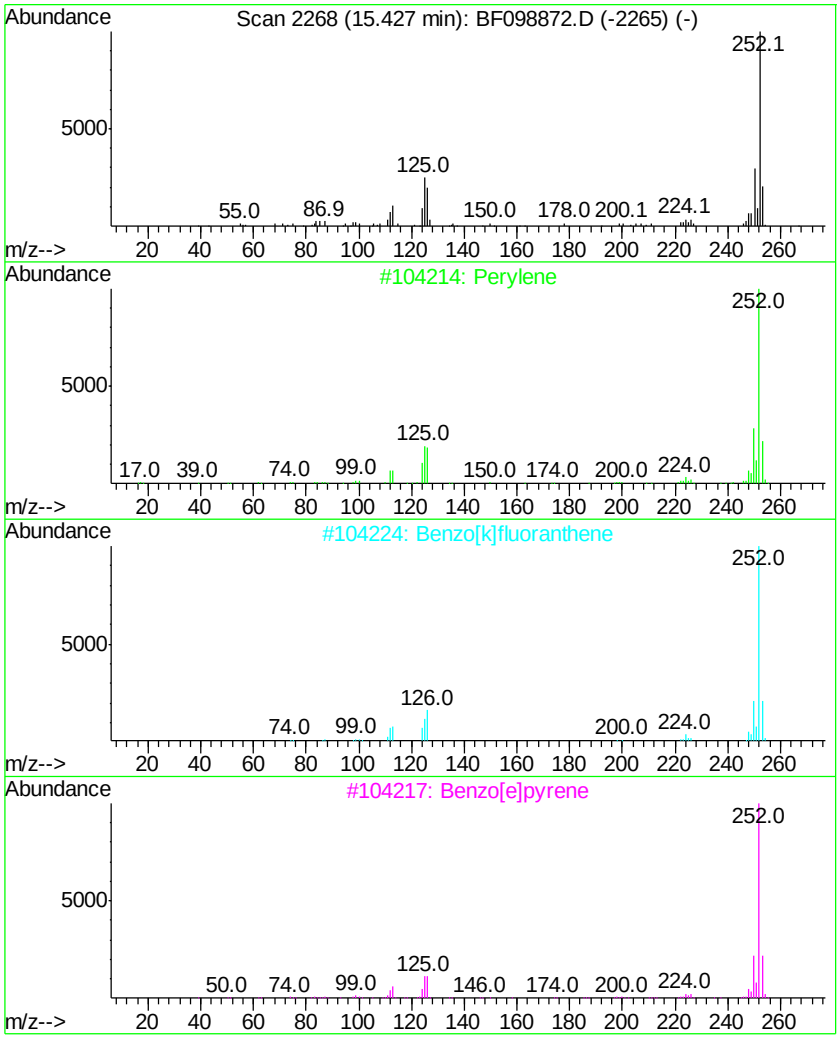
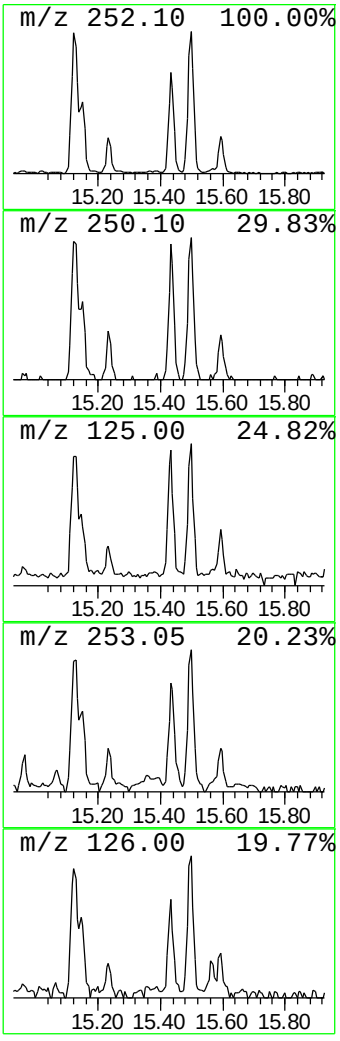
Peak Number 4 Perylene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.43	2.70 ng	128815	Perylene-d12	15.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Perylene	252	C20H12	000198-55-0	98
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
3	Benzo[e]pyrene	252	C20H12	000192-97-2	97
4	Benzo[a]pyrene	252	C20H12	000050-32-8	93
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	91





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...	5.12	3.0	ng	125184	1	6.91	825075	20.0
unknown6.67	6.67	18.4	ng	759340	1	6.91	825075	20.0
Perylene	15.43	2.7	ng	128815	6	15.57	955942	20.0