LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091020\
Data File : BM027399.D
Acq On : 11 Sep 2020 11:40
Operator : JU/CG
Sample : L3961-07
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F4Y31

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % 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:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090420MA.M
Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.128	22	24	28	rVB	23319	23640	0.50%	0.060%
2	3.393	66	69	73	rBV5	18043	25887	0.55%	0.065%
3	3.428	73	75	81	rVB3	18857	25843	0.55%	0.065%
4	3.740	123	128	140	rVB6	24709	66194	1.41%	0.167%
5	3.840	143	145	149	rVV5	8709	11202	0.24%	0.028%
6	3.887	149	153	160	rVB	55583	72732	1.55%	0.183%
7	4.116	189	192	197	rBV	14032	17621	0.38%	0.044%
8	4.163	197	200	204	rVB2	19111	23905	0.51%	0.060%
9	6.516	594	600	606	rBV6	5263	10486	0.22%	0.026%
10	6.592	611	613	617	rVV3	4105	6278	0.13%	0.016%
11	6.634	617	620	626	rVB3	7709	11134	0.24%	0.028%
12	6.751	634	640	649	rBV	140496	230352	4.90%	0.580%
13	6.910	660	667	678	rVB	405989	643605	13.70%	1.621%
14	7.104	693	700	708	rBV	500711	789190	16.80%	1.987%
15	7.210	714	718	723	rVB4	7759	12319	0.26%	0.031%
16	7.422	749	754	761	rVB	21775	31568	0.67%	0.079%
17	7.563	771	778	785	rVV	476114	725080	15.43%	1.826%
18	7.639	787	791	797	rVB2	11141	17041	0.36%	0.043%
19	8.269	892	898	911	rBV	404672	653278	13.91%	1.645%
20	8.504	935	938	944	rVB4	6503	9652	0.21%	0.024%
21	8.657	958	964	966	rBV5	7487	12044	0.26%	0.030%
22	8.704	966	972	980	rVV	560721	902266	19.21%	2.272%
23	9.180	1046	1053	1057	rVB6	4143	7279	0.15%	0.018%
24	9.422	1087	1094	1103	rBV	512006	815404	17.36%	2.053%
25	9.957	1178	1185	1200	rBV	833926	1423576	30.30%	3.585%
26	10.333	1241	1249	1257	rBV	611780	1020180	21.72%	2.569%
27	10.469	1266	1272	1283	rBV	158061	287816	6.13%	0.725%
28	11.251	1399	1405	1417	rBV2	49869	120754	2.57%	0.304%
29	11.810	1495	1500	1505	rBV3	5932	8498	0.18%	0.021%
30	11.927	1515	1520	1527	rVB2	9999	17316	0.37%	0.044%
31	12.004	1527	1533	1541	rBV	13513	34645	0.74%	0.087%
32	12.557	1622	1627	1632	rVB4	2886	5144	0.11%	0.013%
33	12.821	1668	1672	1676	rVB4	5567	8176	0.17%	0.021%
34	13.051	1705	1711	1719	rBV	94024	134782	2.87%	0.339%

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Instrument : BNA_M
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Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
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Stop Thrs : 0 Peak Location: TOP

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Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090420MA.M
Title : SVOA CALIBRATION

35	13.121	1719	1723	1728	rVB6	6589	12890	0.27%	0.032%
36	13.186	1728	1734	1739	rBV4	6325	10062	0.21%	0.025%
37	13.621	1802	1808	1813	rBV	1612102	2205768	46.95%	5.554%
38	13.668	1813	1816	1823	rVB	216651	283881	6.04%	0.715%
39	13.892	1842	1854	1867	rBV	1686940	2466016	52.49%	6.210%
40	14.204	1899	1907	1916	rBV	1084990	1571586	33.45%	3.957%
41	14.415	1938	1943	1960	rBV	103869	203562	4.33%	0.513%
42	14.651	1979	1983	1987	rBV4	7624	8774	0.19%	0.022%
43	14.739	1993	1998	2006	rVB2	16753	30383	0.65%	0.077%
44	14.968	2031	2037	2043	rBV	137069	172420	3.67%	0.434%
45	15.039	2046	2049	2054	rVB3	6862	11047	0.24%	0.028%
46	15.204	2070	2077	2089	rBV	2399136	3212599	68.39%	8.090%
47	15.327	2092	2098	2109	rBV	751151	1008623	21.47%	2.540%
48	15.445	2114	2118	2124	rVB2	36459	47864	1.02%	0.121%
49	15.586	2137	2142	2146	rVB5	7457	10885	0.23%	0.027%
50	15.621	2146	2148	2153	rBV5	6467	9329	0.20%	0.023%
51	15.774	2169	2174	2182	rBV9	5359	11536	0.25%	0.029%
52	15.986	2207	2210	2216	rVB5	7430	11625	0.25%	0.029%
53	16.121	2226	2233	2238	rBV2	31534	45529	0.97%	0.115%
54	16.468	2288	2292	2301	rBV	29700	49601	1.06%	0.125%
55	16.639	2316	2321	2323	rBV6	5459	7072	0.15%	0.018%
56	16.745	2334	2339	2346	rBV3	29190	46818	1.00%	0.118%
57	16.951	2368	2374	2380	rBV	1477068	1981932	42.19%	4.991%
58	17.051	2384	2391	2402	rBV	2815977	3787653	80.63%	9.538%
59	17.262	2421	2427	2430	rBV3	7473	11683	0.25%	0.029%
60	17.339	2437	2440	2443	rBV5	5632	9109	0.19%	0.023%
61	17.474	2461	2463	2468	rVB5	4216	5294	0.11%	0.013%
62	17.527	2468	2472	2475	rBV5	9623	13971	0.30%	0.035%
63	17.639	2487	2491	2494	rBV3	29776	38413	0.82%	0.097%
64	17.750	2506	2510	2513	rBV5	4509	7032	0.15%	0.018%
65	17.874	2526	2531	2539	rBV	136080	221382	4.71%	0.557%
66	18.156	2575	2579	2586	rBV	78610	114123	2.43%	0.287%
67	18.603	2652	2655	2658	rBV4	7648	10381	0.22%	0.026%
68	18.986	2716	2720	2723	rBV	31919	40874	0.87%	0.103%
69	19.162	2746	2750	2757	rBV	86121	125428	2.67%	0.316%
70	19.239	2759	2763	2769	rVB	33096	46645	0.99%	0.117%
71	19.350	2776	2782	2790	rBV	3414324	4697660	100.00%	11.829%

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Instrument : BNA_M
ClientSampleId : F4Y31

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
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Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090420MA.M
Title : SVOA CALIBRATION

72	19.797	2854	2858	2863	rBV	133522	166314	3.54%	0.419%
73	20.891	3041	3044	3051	rBV2	129923	179443	3.82%	0.452%
74	21.121	3079	3083	3084	rBV	160540	180310	3.84%	0.454%
75	21.150	3084	3088	3095	rVB	1900354	2335129	49.71%	5.880%
76	22.321	3284	3287	3296	rVB7	109183	179599	3.82%	0.452%
77	23.185	3427	3434	3441	rBV	2151438	3708751	78.95%	9.339%
78	23.321	3451	3457	3466	rVB	1099642	1907213	40.60%	4.803%
79	24.056	3578	3582	3588	rVB	173447	300597	6.40%	0.757%

Sum of corrected areas: 39711693

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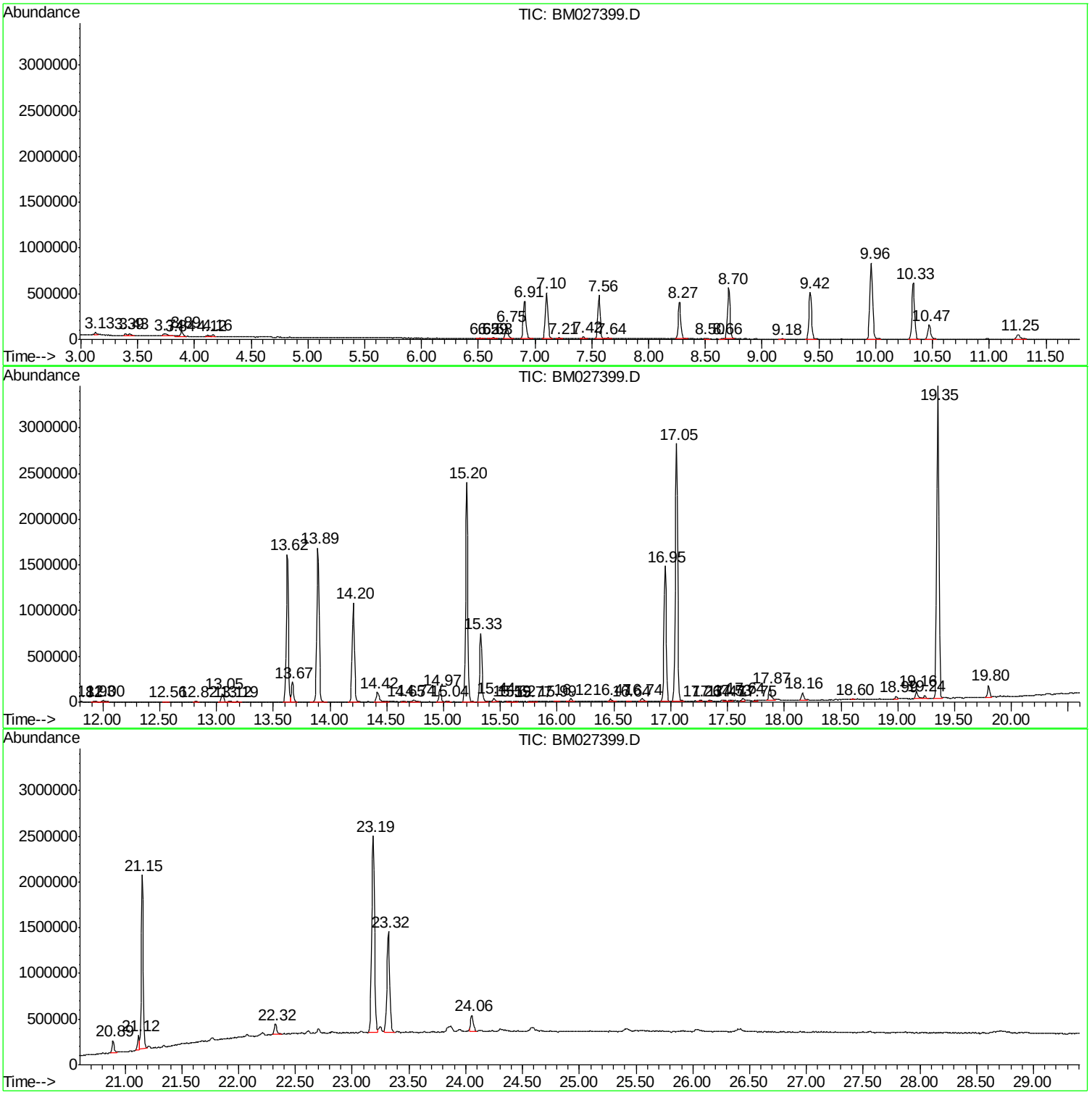
Instrument : BNA_M
ClientSampleId : F4Y31

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090420MA.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

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TIC Integration Parameters: LSCINT.P

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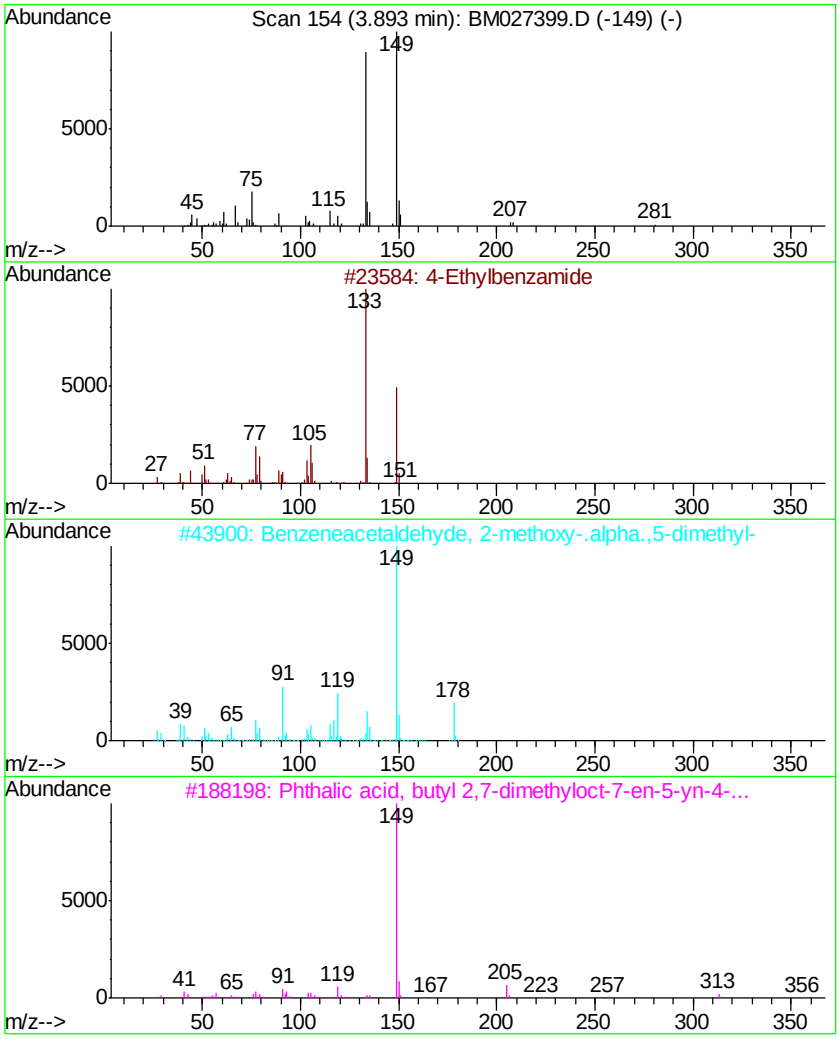
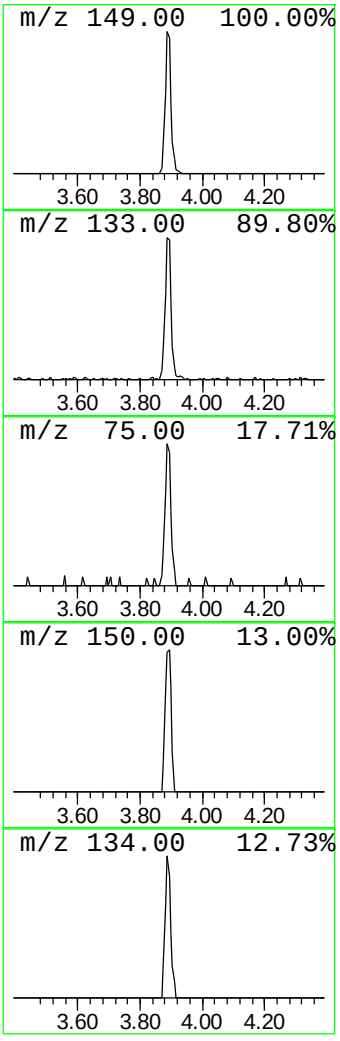
Peak Number 1 4-Ethylbenzamide Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.89	2.01 ng/ul	72732	1,4-Dichlorobenzene-d4	7.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Ethylbenzamide	149	C9H11NO	033695-58-8	72
2	Benzeneacetaldehyde, 2-methoxy-....	178	C11H14O2	053155-90-1	37
3	Phthalic acid, butyl 2,7-dimethy...	356	C22H28O4	1000315-49-0	35
4	4-Ethylbenzoic acid, 3-methylbut...	218	C14H18O2	1000292-54-1	32
5	Benzo[b]thiophene-3-methanol, 2,...	180	C10H12OS	039891-65-1	32





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Misc :
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Instrument : BNA_M
ClientSampleId : F4Y31

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090420MA.M
Quant Title : SVOA CALIBRATION

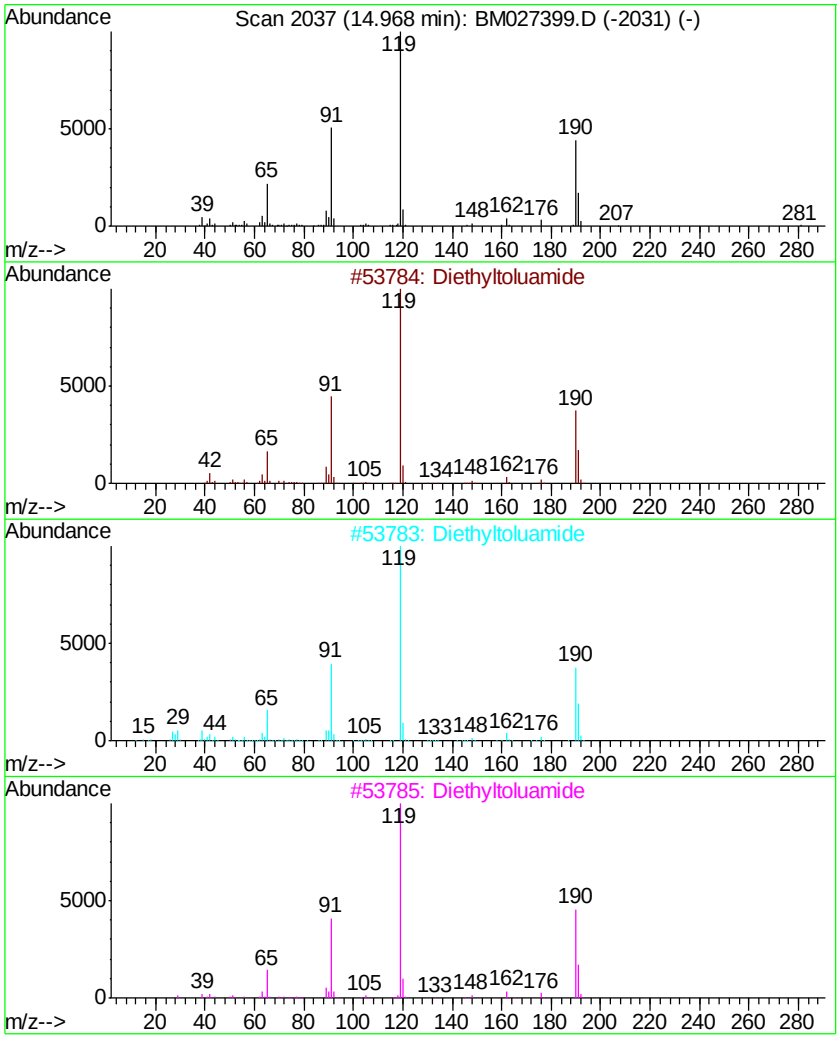
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

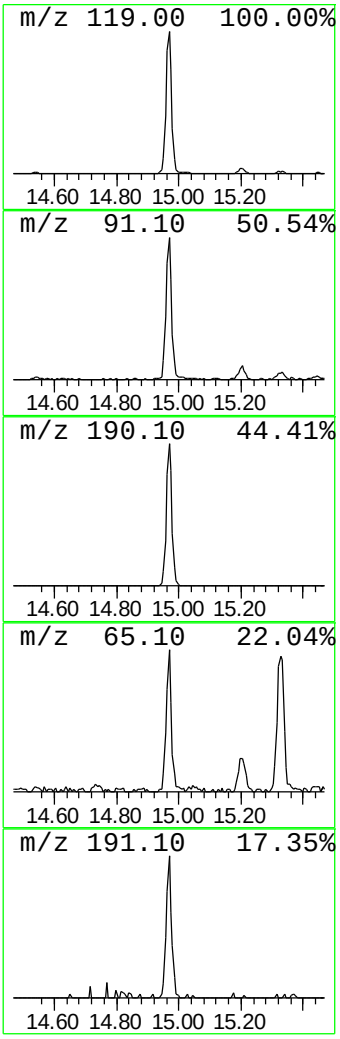
****

Peak Number 2 Diethyltoluamide Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.97	2.19 ng/ul	172420	Acenaphthene-d10	14.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diethyltoluamide	191	C12H17NO	000134-62-3	97
2	Diethyltoluamide	191	C12H17NO	000134-62-3	96
3	Diethyltoluamide	191	C12H17NO	000134-62-3	96
4	Benzamide, N,N-diethyl-4-methyl-	191	C12H17NO	002728-05-4	81
5	Diethyltoluamide	191	C12H17NO	000134-62-3	68





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091020\
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Sample : L3961-07
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F4Y31

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090420MA.M
Quant Title : SVOA CALIBRATION

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

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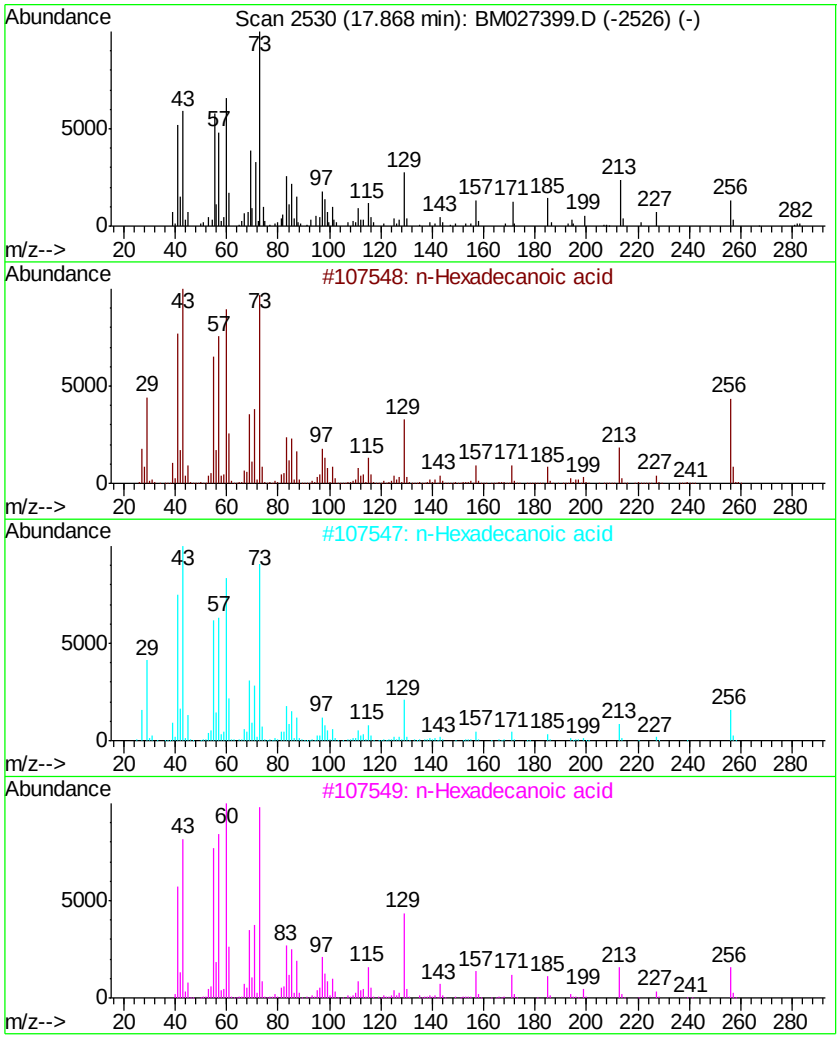
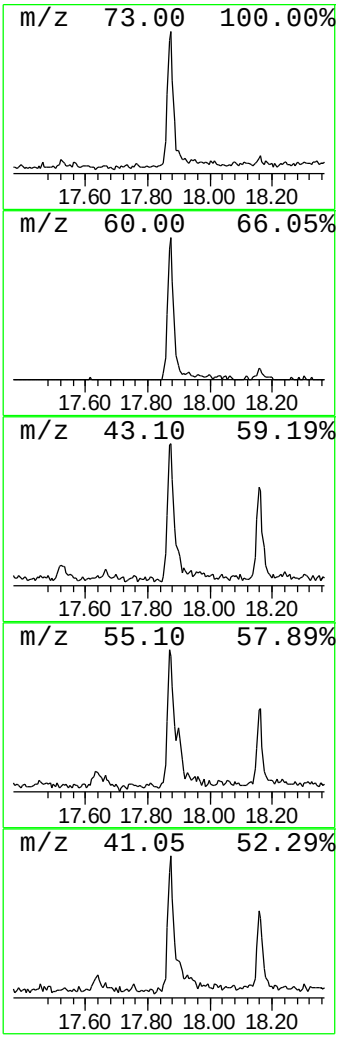
Peak Number 3 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.87	2.23 ng/ul	221382	Phenanthrene-d10	16.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	86
4	Tridecanoic acid	214	C13H26O2	000638-53-9	86
5	Tridecanoic acid	214	C13H26O2	000638-53-9	70





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Quant Title : SVOA CALIBRATION

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

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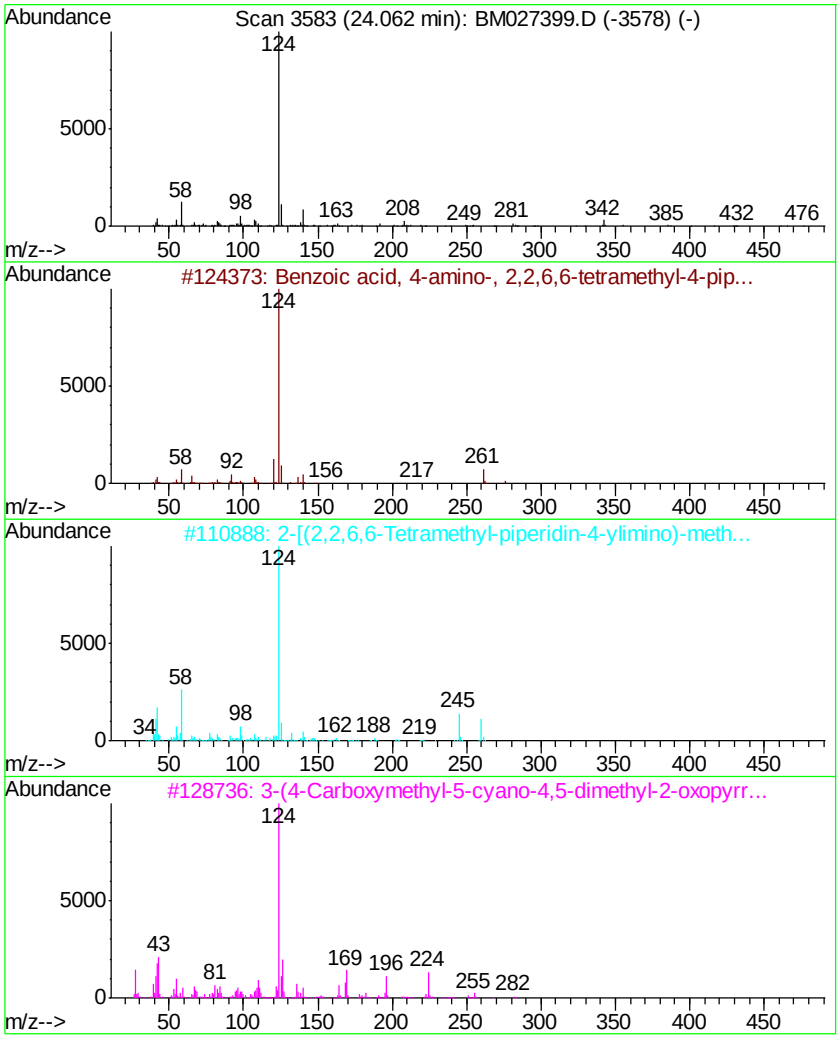
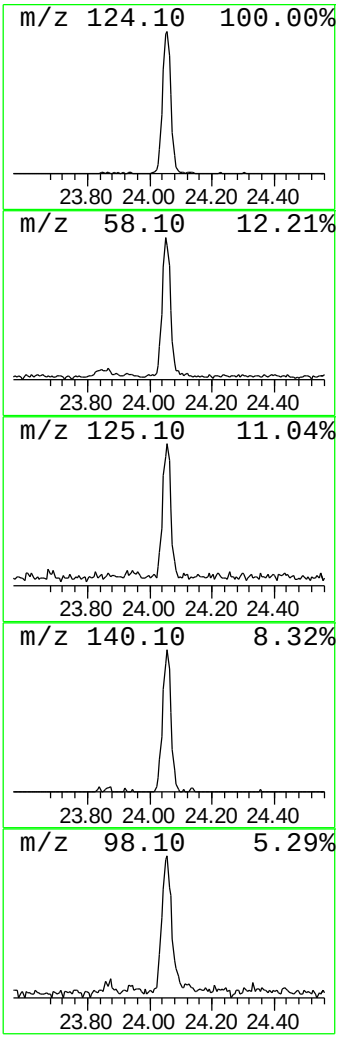
Peak Number 4 Benzoic acid, 4-amino-, 2,2... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.06	3.15 ng/ul	300597	Perylene-d12	23.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 4-amino-, 2,2,6,6-...	276	C16H24N2O2	1000337-88-4	78
2	2-[(2,2,6,6-Tetramethyl-piperidi...	260	C16H24N2O	023504-57-6	64
3	3-(4-Carboxymethyl-5-cyano-4,5-d...	282	C13H18N2O5	1000193-69-0	64
4	8-Allyl-2-oxo-2H-chromene-3-carb...	368	C22H28N2O3	1000297-53-7	56
5	1,3-Cyclohexanedione, 2-(2,2,,6,...	354	C22H30N2O2	350713-98-3	56





Tentatively Identified Compound (LSC) summary

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Quant Title : SVOA 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
4-Ethylbenzamide	3.89	2.0	ng/ul	72732	1	7.56	725080	20.0
Diethyltoluamide	14.97	2.2	ng/ul	172420	3	14.20	1571590	20.0
n-Hexadecanoic acid	17.87	2.2	ng/ul	221382	4	16.95	1981930	20.0
Benzoic acid, 4-a...	24.06	3.1	ng/ul	300597	6	23.32	1907210	20.0