LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090819\
Data File : BM022590.D
Acq On : 09 Sep 2019 06:20
Operator : HP/JU
Sample : K4682-12
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : H0BN5

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-BM090519MA.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	3.046	5	10	38	rVB	3369430	5031620	38.45%	3.977%
2	3.304	50	54	68	rVB	97785	159846	1.22%	0.126%
3	3.963	161	166	172	rVB2	25871	44052	0.34%	0.035%
4	4.051	177	181	185	rVV	18260	24346	0.19%	0.019%
5	7.010	677	684	694	rBV	407760	713476	5.45%	0.564%
6	7.181	706	713	728	rBV	1240567	1973863	15.08%	1.560%
7	7.387	741	748	758	rBV	1373282	2181808	16.67%	1.724%
8	7.857	820	828	837	rBV	1547195	2503424	19.13%	1.978%
9	7.928	837	840	845	rVB2	12506	17761	0.14%	0.014%
10	8.269	894	898	903	rVB2	9664	13273	0.10%	0.010%
11	8.551	935	946	960	rBV	1120802	1818224	13.89%	1.437%
12	9.004	1016	1023	1033	rBV	1597812	2551901	19.50%	2.017%
13	9.469	1098	1102	1107	rVB	26986	40119	0.31%	0.032%
14	9.728	1139	1146	1163	rBV	1165010	1876161	14.34%	1.483%
15	10.263	1229	1237	1249	rBV	2017894	3230377	24.68%	2.553%
16	10.651	1295	1303	1310	rVB	2253097	3859336	29.49%	3.050%
17	10.775	1317	1324	1334	rBV	265876	455053	3.48%	0.360%
18	11.427	1431	1435	1443	rVB5	6741	14450	0.11%	0.011%
19	11.969	1521	1527	1532	rBV	57349	88295	0.67%	0.070%
20	12.233	1567	1572	1578	rVB	32811	48633	0.37%	0.038%
21	12.857	1672	1678	1682	rBV3	13826	22734	0.17%	0.018%
22	13.104	1715	1720	1727	rVB3	24584	35993	0.28%	0.028%
23	13.327	1754	1758	1762	rBV	18993	23915	0.18%	0.019%
24	13.392	1762	1769	1777	rBV	215437	345799	2.64%	0.273%
25	13.892	1847	1854	1859	rBV	4105409	5540102	42.33%	4.378%
26	13.939	1859	1862	1869	rVB	315457	427413	3.27%	0.338%
27	14.180	1892	1903	1916	rBV	4323659	6613463	50.54%	5.227%
28	14.486	1947	1955	1959	rBV	3765301	5677978	43.39%	4.487%
29	14.539	1959	1964	1979	rVV	2184012	3986174	30.46%	3.150%
30	14.657	1979	1984	2009	rVB	595847	995426	7.61%	0.787%
31	14.898	2021	2025	2031	rVB7	13667	21096	0.16%	0.017%
32	15.351	2099	2102	2106	rVB3	10677	14029	0.11%	0.011%
33	15.474	2116	2123	2131	rVB	6164765	8376634	64.01%	6.620%
34	15.580	2135	2141	2145	rBV	1790830	2406870	18.39%	1.902%

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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
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090519MA.M
Title : SVOA CALIBRATION

35	15.615	2145	2147	2158	rVV	195847	268227	2.05%	0.212%
36	15.715	2159	2164	2170	rVB2	68411	101801	0.78%	0.080%
37	16.257	2253	2256	2261	rBV4	26811	38712	0.30%	0.031%
38	16.480	2289	2294	2300	rBV3	20979	30256	0.23%	0.024%
39	16.627	2315	2319	2324	rVB7	10211	18753	0.14%	0.015%
40	17.004	2376	2383	2387	rBV3	20095	33272	0.25%	0.026%
41	17.221	2413	2420	2427	rBV2	4697498	6378017	48.74%	5.041%
42	17.321	2430	2437	2447	rBV	7223234	9861040	75.35%	7.793%
43	17.509	2465	2469	2471	rBV	19704	24518	0.19%	0.019%
44	17.539	2471	2474	2477	rVB4	16609	19565	0.15%	0.015%
45	17.609	2480	2486	2493	rVV2	74568	102283	0.78%	0.081%
46	17.904	2534	2536	2543	rVB5	10358	15388	0.12%	0.012%
47	18.121	2568	2573	2578	rBV	281332	403651	3.08%	0.319%
48	18.186	2582	2584	2591	rVB2	24333	35401	0.27%	0.028%
49	18.433	2621	2626	2633	rVB5	33483	54582	0.42%	0.043%
50	18.980	2714	2719	2729	rBV	1674517	2095492	16.01%	1.656%
51	19.062	2730	2733	2738	rVB4	45270	74021	0.57%	0.059%
52	19.174	2748	2752	2756	rBV7	16345	20566	0.16%	0.016%
53	19.245	2759	2764	2768	rBV	87031	123650	0.94%	0.098%
54	19.303	2770	2774	2778	rVV	244300	304745	2.33%	0.241%
55	19.339	2778	2780	2784	rVB2	45765	46300	0.35%	0.037%
56	19.398	2786	2790	2797	rBV	105421	143494	1.10%	0.113%
57	19.492	2802	2806	2810	rVB	73201	101533	0.78%	0.080%
58	19.609	2819	2826	2835	rBV	9360543	12458381	95.20%	9.846%
59	19.750	2846	2850	2856	rVB5	39305	64617	0.49%	0.051%
60	19.845	2862	2866	2870	rBV5	17348	31746	0.24%	0.025%
61	20.127	2910	2914	2918	rBV	242017	302952	2.31%	0.239%
62	20.168	2918	2921	2925	rVB	74000	94167	0.72%	0.074%
63	20.468	2969	2972	2973	rBV3	32115	32984	0.25%	0.026%
64	20.492	2974	2976	2979	rVB	54443	52716	0.40%	0.042%
65	20.662	3002	3005	3009	rVB	59551	58295	0.45%	0.046%
66	21.074	3070	3075	3078	rBV	80150	132973	1.02%	0.105%
67	21.115	3078	3082	3088	rBV2	644744	931710	7.12%	0.736%
68	21.392	3124	3129	3135	rBV	5945610	7469443	57.08%	5.903%
69	21.562	3155	3158	3162	rBV	122837	124680	0.95%	0.099%
70	22.009	3230	3234	3238	rBV	185908	245831	1.88%	0.194%
71	22.486	3311	3315	3319	rBV	237584	304881	2.33%	0.241%

LSC Area Percent Report

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Misc :
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Instrument : BNA_M
ClientSampleId : H0BN5

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-BM090519MA.M
Title : SVOA CALIBRATION

72	23.003	3399	3403	3409	rBV	304857	457284	3.49%	0.361%
73	23.538	3486	3494	3501	rBV	7086905	13086791	100.00%	10.343%
74	23.597	3501	3504	3510	rVV	350469	560005	4.28%	0.443%
75	23.685	3511	3519	3528	rVB	4174729	7787022	59.50%	6.154%
76	24.274	3614	3619	3626	rVB	268498	467339	3.57%	0.369%
77	25.056	3748	3752	3761	rVB	212568	438695	3.35%	0.347%

Sum of corrected areas: 126531423

LSC Report - Integrated Chromatogram

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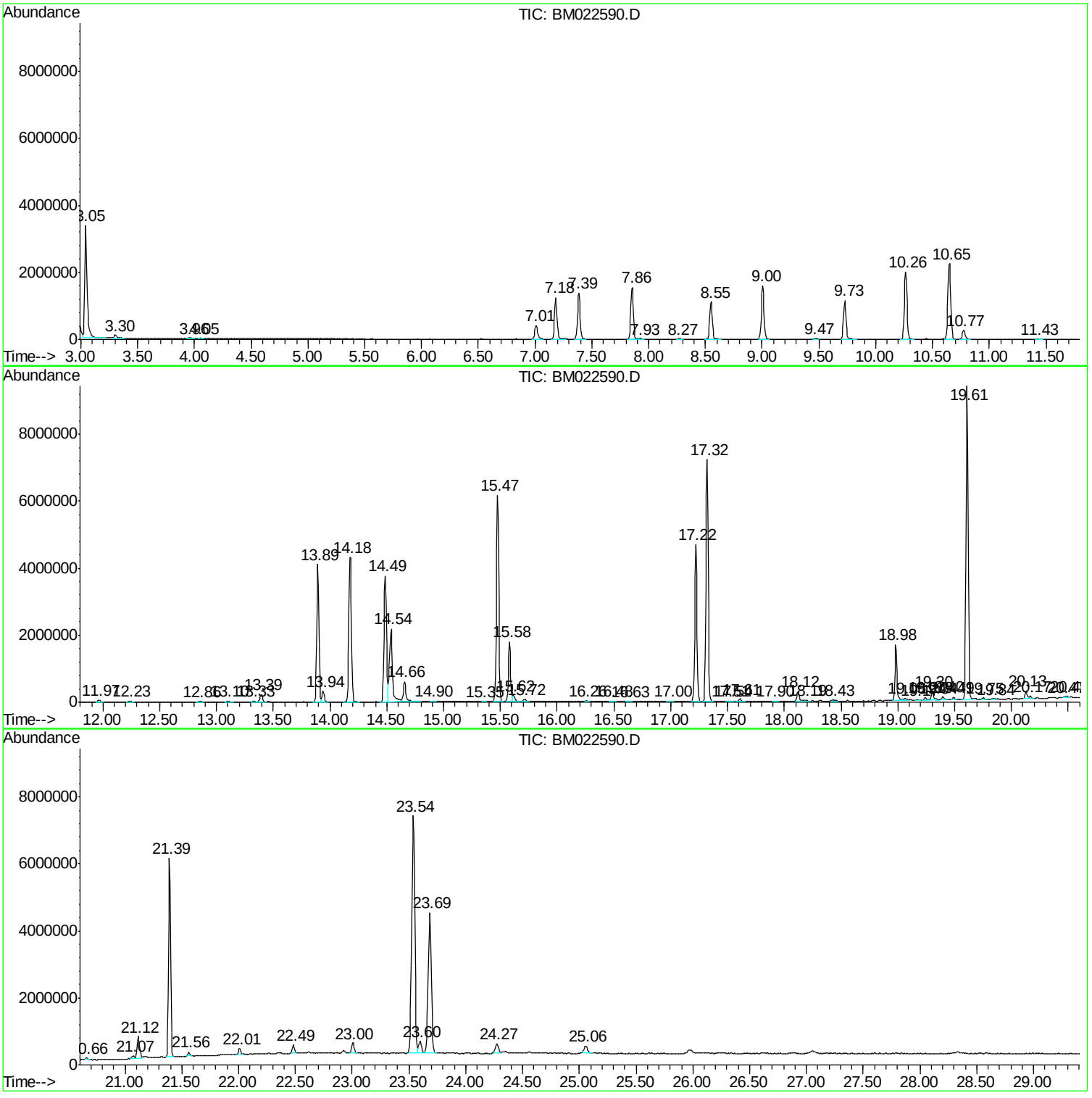
Operator : HP/JU
Sample : K4682-12
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : H0BN5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090519MA.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090819\
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Instrument : BNA_M
ClientSampleId : H0BN5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090519MA.M
Quant Title : SVOA CALIBRATION

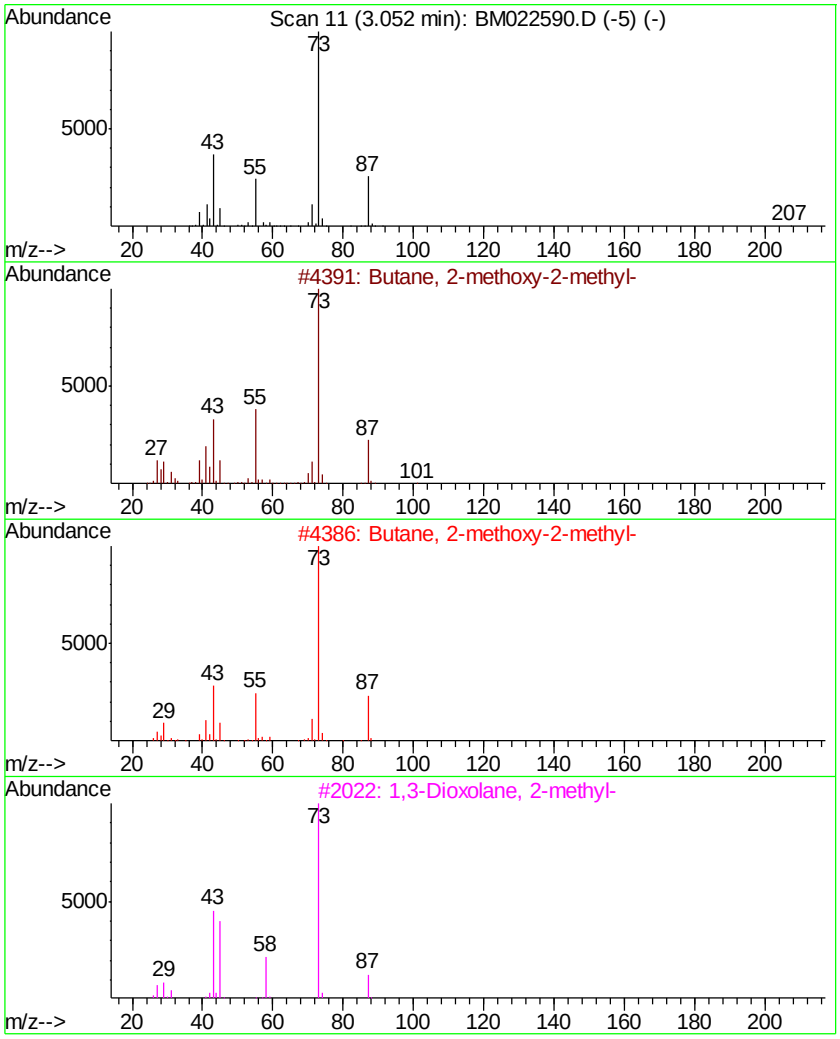
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

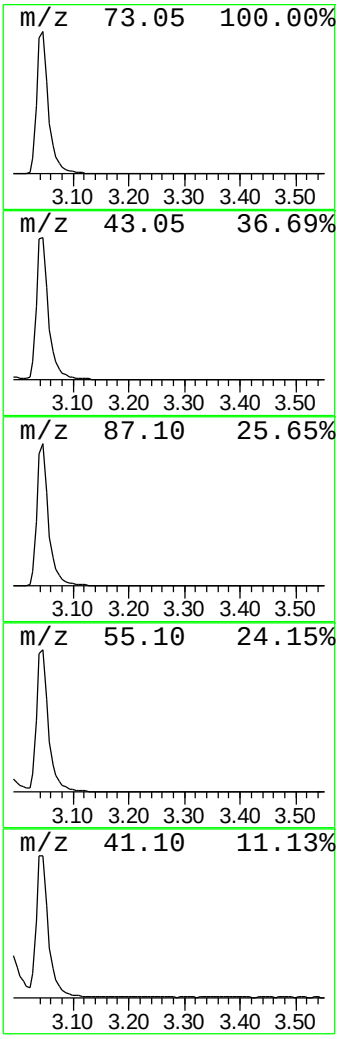
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.05	40.20 ng/ul	5031620	1,4-Dichlorobenzene-d4	7.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	37
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	12





Library Search Compound Report

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Quant Title : SVOA CALIBRATION

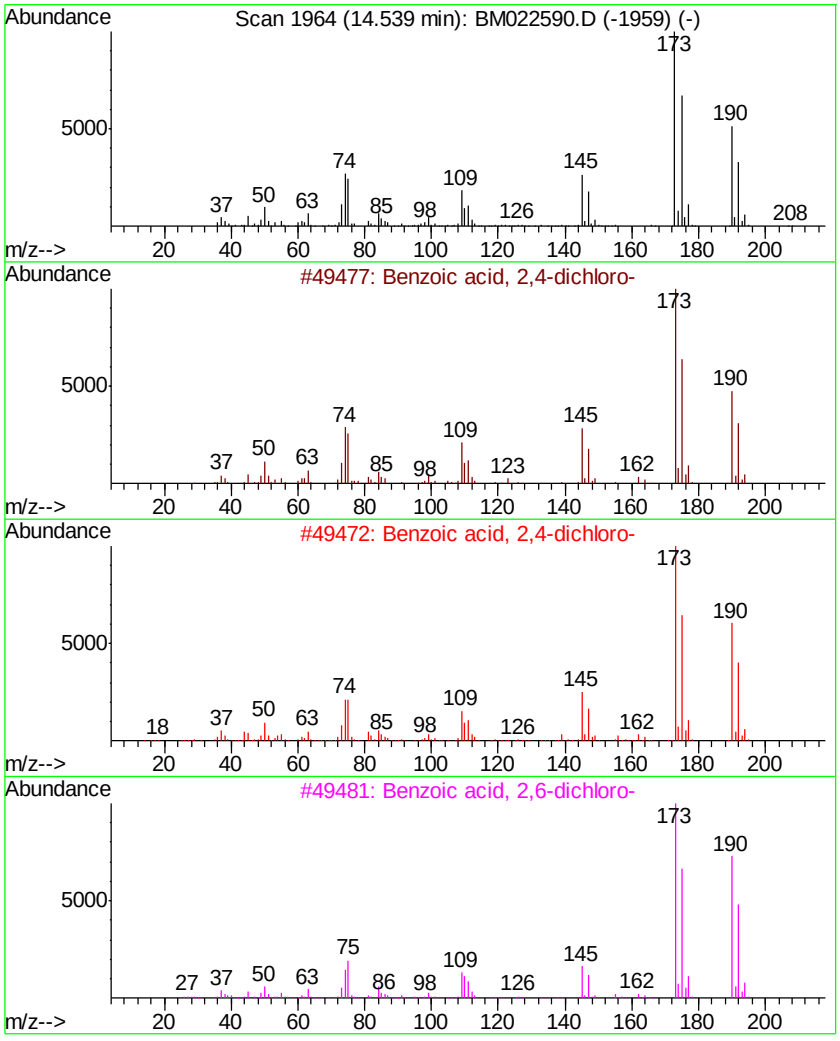
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

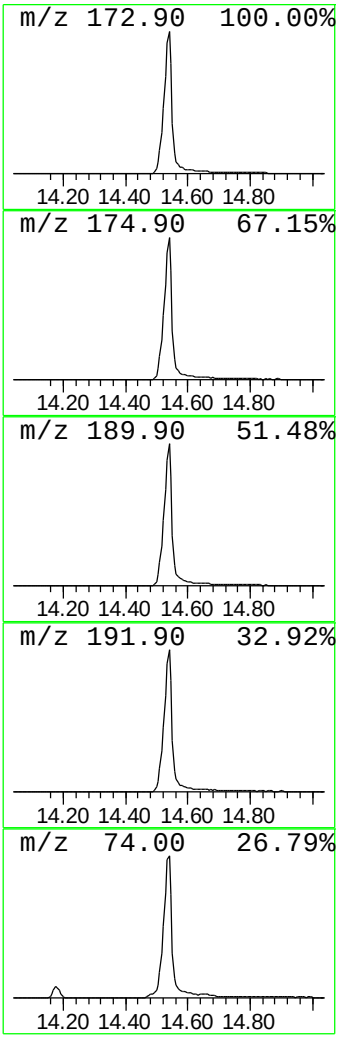
****

Peak Number 2 Benzoic acid, 2,4-dichloro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.54	14.04 ng/ul	3986170	Acenaphthene-d10	14.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 2,4-dichloro-	190	C7H4Cl2O2	000050-84-0	99
2	Benzoic acid, 2,4-dichloro-	190	C7H4Cl2O2	000050-84-0	98
3	Benzoic acid, 2,6-dichloro-	190	C7H4Cl2O2	000050-30-6	97
4	Benzoic acid, 2,5-dichloro-	190	C7H4Cl2O2	000050-79-3	96
5	Benzoic acid, 3,4-dichloro-	190	C7H4Cl2O2	000051-44-5	96





Library Search Compound Report

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090519MA.M
Quant Title : SVOA CALIBRATION

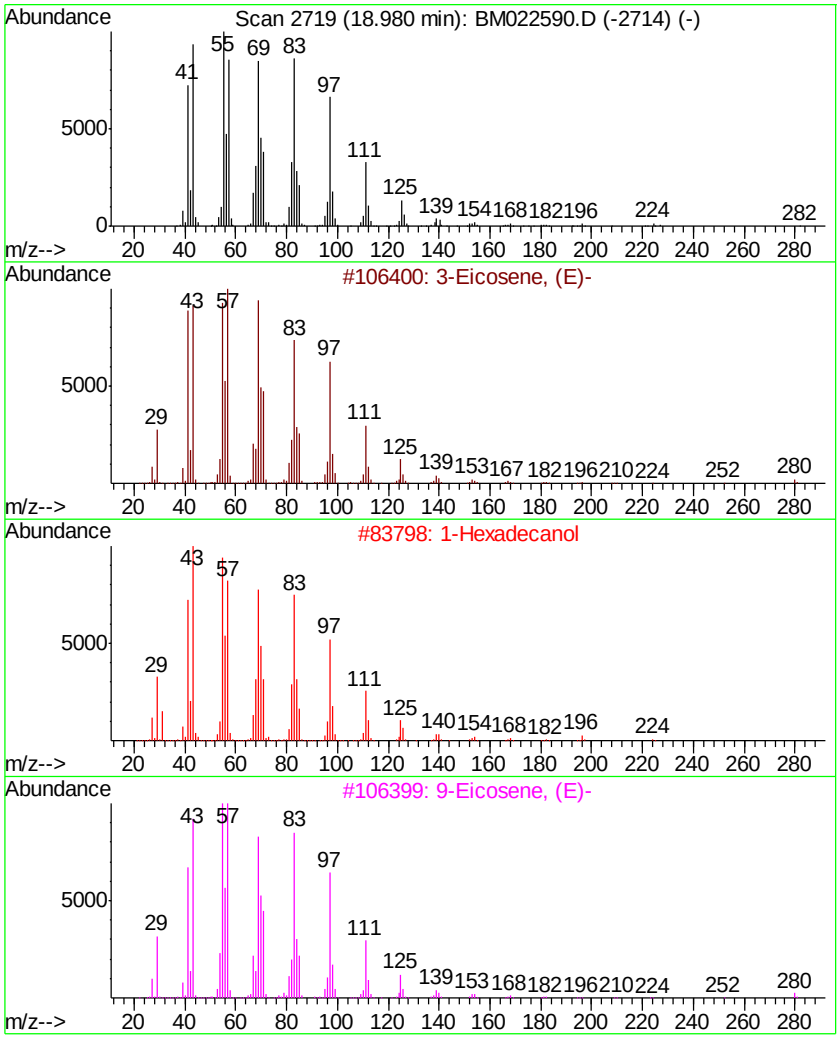
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

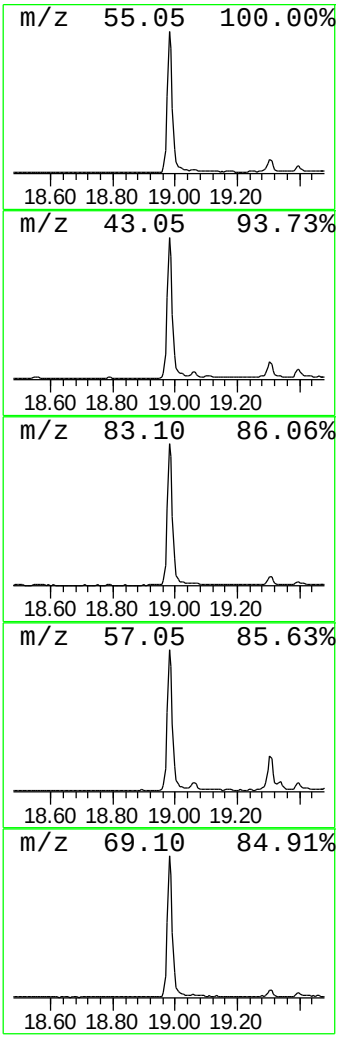
****

Peak Number 3 (DEL) Alkane: Cyclic18.98 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.98	6.57 ng/ul	2095490	Phenanthrene-d10	17.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	95
2	1-Hexadecanol	242	C16H34O	036653-82-4	94
3	9-Eicosene, (E)-	280	C20H40	074685-29-3	94
4	Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	94
5	Pentafluoropropionic acid, 4-hex...	388	C19H33F5O2	1000283-04-1	91





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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090519MA.M
Quant Title : SVOA CALIBRATION

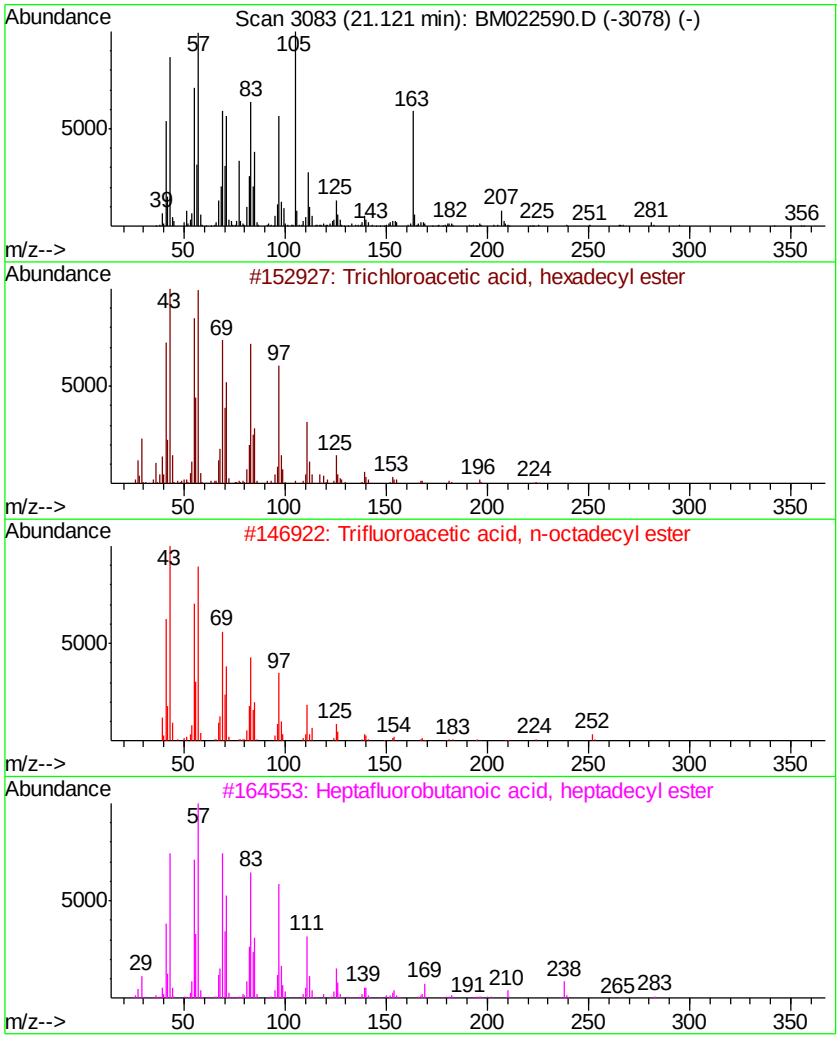
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

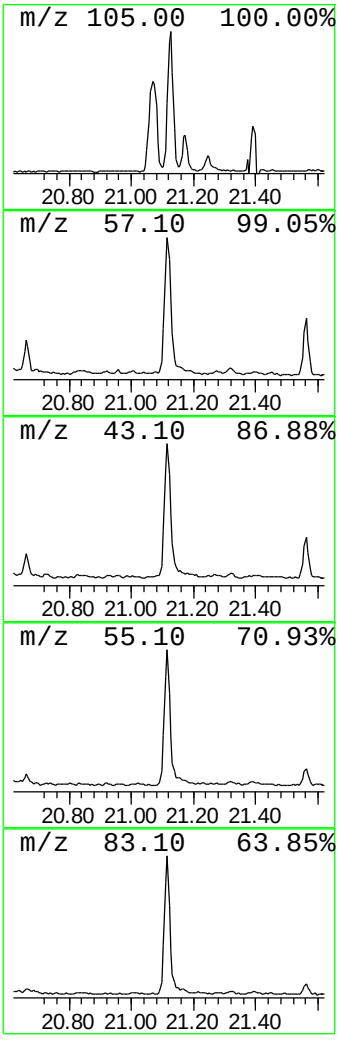
****

Peak Number 4 Trichloroacetic acid, hexad... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.12	2.49 ng/ul	931710	Chrysene-d12	21.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
2	Trifluoroacetic acid, n-octadecy...	366	C20H37F3O2	079392-43-1	91
3	Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	91
4	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	90
5	1-Octadecanol	270	C18H38O	000112-92-5	87





Tentatively Identified Compound (LSC) summary

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Quant Title : SVOA 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
Butane, 2-methoxy...	3.05	40.2	ng/ul	5031620	1	7.86	2503420	20.0
Benzoic acid, 2,4...	14.54	14.0	ng/ul	3986170	3	14.49	5677980	20.0
(DEL) Alkane: Cyc...	18.98	6.6	ng/ul	2095490	4	17.22	6378020	20.0
Trichloroacetic a...	21.12	2.5	ng/ul	931710	5	21.39	7469440	20.0