LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP021920\
Data File : BP001776.D
Acq On : 19 Feb 2020 13:49
Operator : CG/JU
Sample : L1424-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C5B03

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_P\METHODS\SOM-EPA-BP021820MA.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	2.934	4	8	29	rVB	3411879	4481298	58.18%	4.910%
2	3.181	46	50	58	rVB	58872	78143	1.01%	0.086%
3	3.693	133	137	144	rVB	36309	52547	0.68%	0.058%
4	3.764	146	149	152	rVV3	6747	9173	0.12%	0.010%
5	3.822	155	159	165	rVB	24997	38024	0.49%	0.042%
6	3.911	170	174	180	rVB	19890	28206	0.37%	0.031%
7	4.134	208	212	218	rVB2	20012	26996	0.35%	0.030%
8	4.399	254	257	262	rVB	7521	9425	0.12%	0.010%
9	4.452	262	266	271	rVB2	12451	16287	0.21%	0.018%
10	4.534	276	280	290	rVB	16666	27808	0.36%	0.030%
11	4.805	321	326	338	rVB	86835	141195	1.83%	0.155%
12	6.834	662	671	685	rBV	987611	1568955	20.37%	1.719%
13	6.999	693	699	708	rBV	814012	1246342	16.18%	1.366%
14	7.193	725	732	745	rBV	1034379	1596899	20.73%	1.750%
15	7.316	748	753	758	rVB8	6351	10502	0.14%	0.012%
16	7.658	804	811	820	rBV	1596088	2440059	31.68%	2.673%
17	8.358	923	930	945	rBV	1064917	1670019	21.68%	1.830%
18	8.469	945	949	957	rVB	49517	87337	1.13%	0.096%
19	8.799	994	1005	1017	rBV	849222	1333989	17.32%	1.462%
20	9.299	1085	1090	1095	rVB	26093	42289	0.55%	0.046%
21	9.516	1116	1127	1136	rBV	553649	907348	11.78%	0.994%
22	9.581	1136	1138	1146	rVB6	8786	13679	0.18%	0.015%
23	9.881	1184	1189	1195	rVB5	5652	9705	0.13%	0.011%
24	10.052	1211	1218	1232	rBV	1192839	1983858	25.76%	2.174%
25	10.428	1273	1282	1292	rBV	2156111	3626653	47.08%	3.973%
26	10.563	1297	1305	1323	rBV	753138	1319046	17.12%	1.445%
27	10.969	1369	1374	1383	rVB	3228	8168	0.11%	0.009%
28	11.969	1535	1544	1550	rBV	240362	389014	5.05%	0.426%
29	12.022	1550	1553	1560	rVB2	23013	39976	0.52%	0.044%
30	13.098	1727	1736	1740	rBV7	7360	13971	0.18%	0.015%
31	13.216	1750	1756	1760	rBV4	12362	21353	0.28%	0.023%
32	13.263	1760	1764	1770	rVB9	6284	11429	0.15%	0.013%
33	13.481	1796	1801	1807	rVB7	8904	18739	0.24%	0.021%
34	13.575	1812	1817	1822	rBV2	35675	56204	0.73%	0.062%

LSC Area Percent Report

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Data File : BP001776.D
Acq On : 19 Feb 2020 13:49
Operator : CG/JU
Sample : L1424-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C5B03

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_P\METHODS\SOM-EPA-BP021820MA.M
Title : SVOA CALIBRATION

35	13.622	1822	1825	1830	rVV5	15169	23295	0.30%	0.026%
36	13.704	1830	1839	1844	rVV	2293443	3134259	40.69%	3.434%
37	13.751	1844	1847	1856	rVV	189000	263513	3.42%	0.289%
38	13.834	1856	1861	1867	rVB6	21117	34021	0.44%	0.037%
39	13.981	1875	1886	1895	rBV	2813972	3910675	50.77%	4.285%
40	14.134	1909	1912	1917	rBV6	11291	17471	0.23%	0.019%
41	14.293	1932	1939	1947	rBV	3462692	5015598	65.11%	5.495%
42	14.481	1960	1971	1982	rBV	686738	1018547	13.22%	1.116%
43	14.563	1982	1985	1993	rVV4	16400	34823	0.45%	0.038%
44	14.640	1993	1998	2004	rVV4	16816	34187	0.44%	0.037%
45	14.716	2007	2011	2016	rVB2	38196	50866	0.66%	0.056%
46	15.128	2077	2081	2087	rVB4	12108	18308	0.24%	0.020%
47	15.187	2087	2091	2098	rBV5	7246	11398	0.15%	0.012%
48	15.287	2101	2108	2116	rBV	3695272	5135990	66.68%	5.627%
49	15.357	2116	2120	2123	rBV2	22794	32176	0.42%	0.035%
50	15.404	2123	2128	2138	rVB	485769	691148	8.97%	0.757%
51	15.528	2144	2149	2156	rVV	40180	66906	0.87%	0.073%
52	15.592	2156	2160	2166	rVB4	21212	39646	0.51%	0.043%
53	15.745	2182	2186	2190	rVB7	9954	14661	0.19%	0.016%
54	15.863	2201	2206	2208	rBV5	7279	12717	0.17%	0.014%
55	15.904	2208	2213	2218	rVV2	57213	89303	1.16%	0.098%
56	16.075	2240	2242	2253	rVB5	15804	27423	0.36%	0.030%
57	16.316	2279	2283	2287	rBV5	7235	10997	0.14%	0.012%
58	16.363	2287	2291	2296	rVV7	12616	18733	0.24%	0.021%
59	16.569	2319	2326	2327	rBV7	10934	16761	0.22%	0.018%
60	16.598	2328	2331	2339	rVB4	16252	25446	0.33%	0.028%
61	16.728	2349	2353	2359	rVB7	8710	13764	0.18%	0.015%
62	16.828	2366	2370	2373	rBV	15775	24435	0.32%	0.027%
63	17.039	2400	2406	2412	rBV	4299456	6064603	78.73%	6.644%
64	17.081	2412	2413	2417	rVV	67580	68387	0.89%	0.075%
65	17.139	2417	2423	2437	rVB	3902611	5367389	69.68%	5.881%
66	17.404	2464	2468	2472	rBV6	5384	10352	0.13%	0.011%
67	17.457	2472	2477	2483	rVB8	13697	26104	0.34%	0.029%
68	17.916	2552	2555	2558	rBV	17181	22004	0.29%	0.024%
69	17.963	2559	2563	2573	rBV	238586	359268	4.66%	0.394%
70	18.098	2582	2586	2590	rBV3	18724	29436	0.38%	0.032%
71	18.263	2610	2614	2619	rVB5	13096	20606	0.27%	0.023%

LSC Area Percent Report

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Acq On : 19 Feb 2020 13:49
Operator : CG/JU
Sample : L1424-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C5B03

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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Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.M
Title : SVOA CALIBRATION

72	18.392	2632	2636	2641	rBV5	24484	46718	0.61%	0.051%
73	18.804	2701	2706	2713	rVB2	39662	65961	0.86%	0.072%
74	19.028	2740	2744	2746	rBV	48936	64857	0.84%	0.071%
75	19.057	2746	2749	2758	rVB	170814	238346	3.09%	0.261%
76	19.204	2770	2774	2782	rBV2	100413	155233	2.02%	0.170%
77	19.275	2783	2786	2793	rVB	47380	70560	0.92%	0.077%
78	19.386	2799	2805	2817	rVB	5203665	7255065	94.19%	7.949%
79	19.657	2847	2851	2855	rBV4	31011	38299	0.50%	0.042%
80	20.257	2949	2953	2956	rBV	113767	121684	1.58%	0.133%
81	20.292	2956	2959	2966	rVB6	45598	74996	0.97%	0.082%
82	20.833	3046	3051	3054	rBV	118750	199518	2.59%	0.219%
83	20.880	3054	3059	3063	rVV2	505768	806048	10.46%	0.883%
84	20.927	3063	3067	3075	rVB	666297	908040	11.79%	0.995%
85	21.133	3096	3102	3107	rBV	5835285	7409982	96.20%	8.118%
86	21.251	3119	3122	3126	rBV	45691	70802	0.92%	0.078%
87	21.316	3130	3133	3139	rVB	167704	188802	2.45%	0.207%
88	21.751	3203	3207	3216	rVB	329638	434063	5.64%	0.476%
89	22.216	3282	3286	3296	rVB	394194	550831	7.15%	0.603%
90	22.721	3368	3372	3388	rVB	531700	891623	11.58%	0.977%
91	23.204	3447	3454	3465	rBV	3863822	6917018	89.80%	7.578%
92	23.298	3465	3470	3472	rVV	433855	715598	9.29%	0.784%
93	23.345	3472	3478	3495	rVB	4146387	7702769	100.00%	8.439%
94	23.951	3575	3581	3588	rBV	378774	768699	9.98%	0.842%
95	24.704	3704	3709	3723	rVB2	216159	497551	6.46%	0.545%

Sum of corrected areas: 91272915

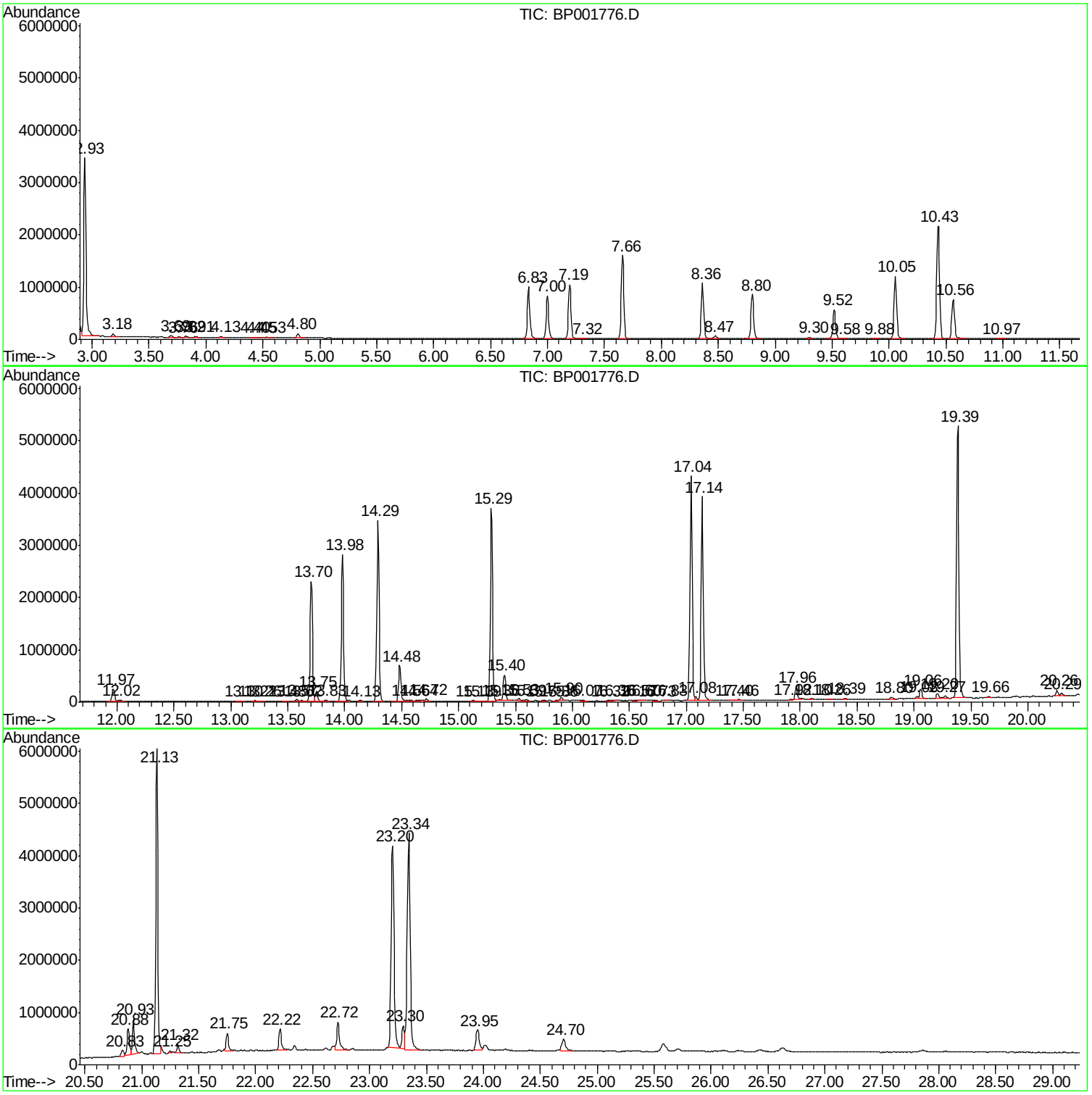
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP021920\
Data File : BP001776.D
Acq On : 19 Feb 2020 13:49
Operator : CG/JU
Sample : L1424-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C5B03

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP021920\
Data File : BP001776.D
Acq On : 19 Feb 2020 13:49
Operator : CG/JU
Sample : L1424-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C5B03

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.M
Quant Title : SVOA CALIBRATION

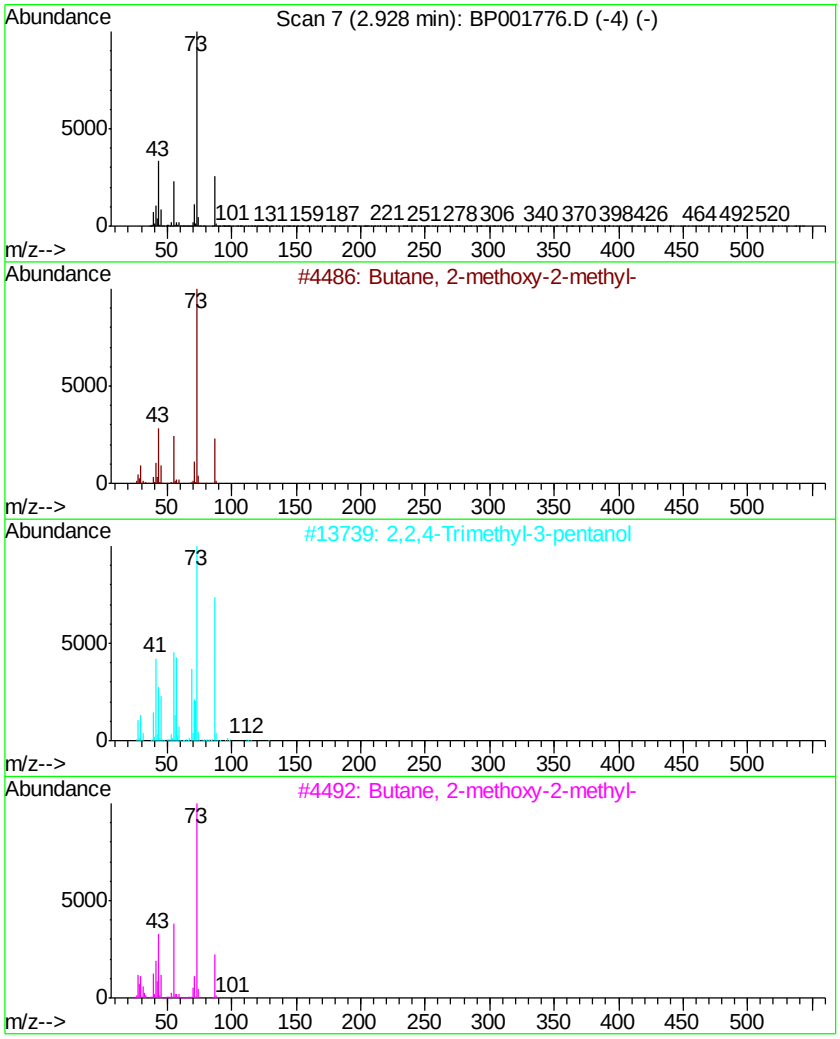
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

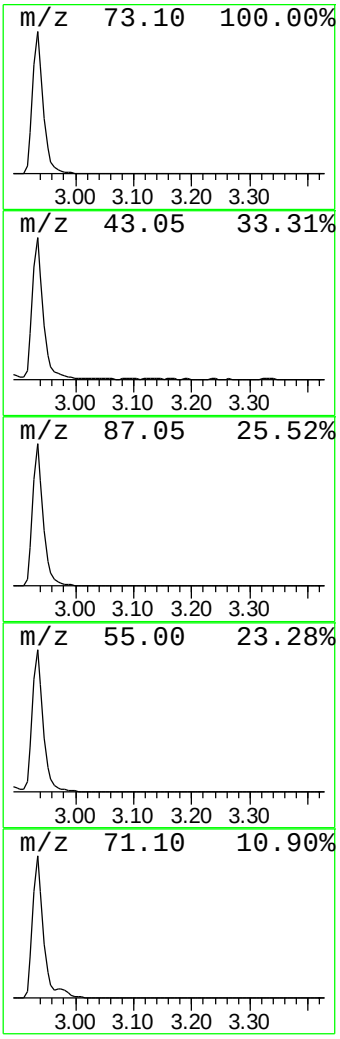
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.93	36.73 ng/ul	4481300	1,4-Dichlorobenzene-d4	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	38
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP021920\
Data File : BP001776.D
Acq On : 19 Feb 2020 13:49
Operator : CG/JU
Sample : L1424-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C5B03

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.M
Quant Title : SVOA CALIBRATION

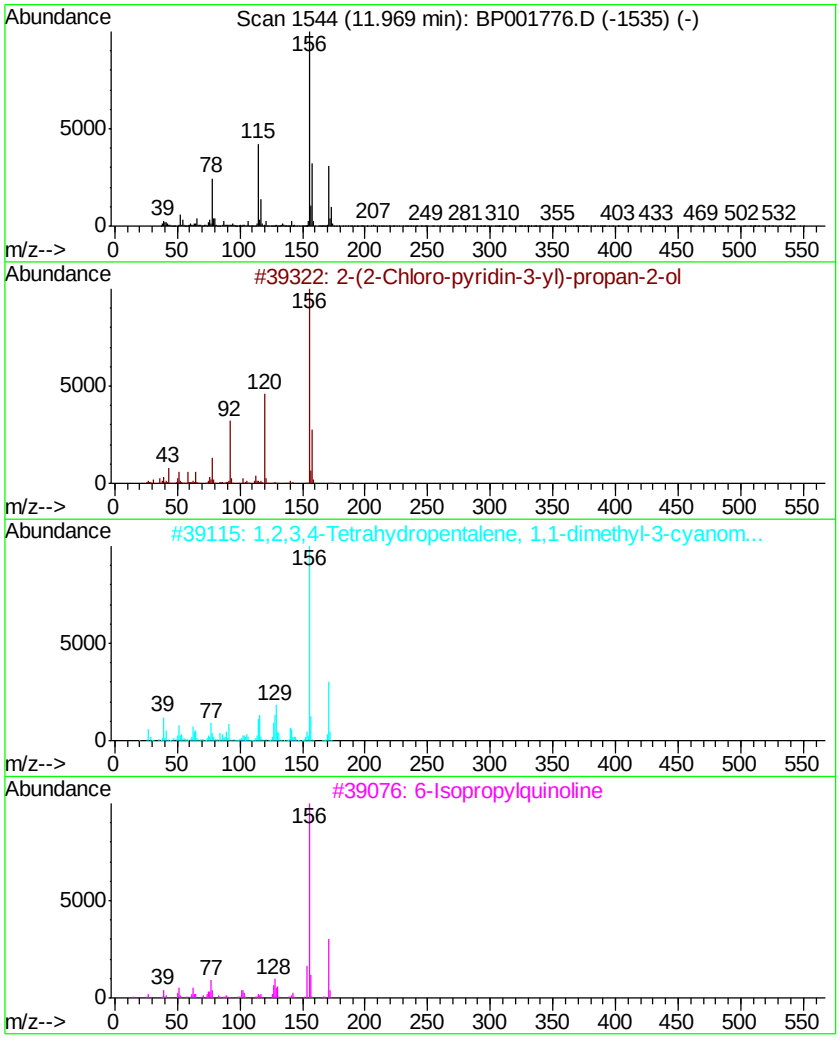
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

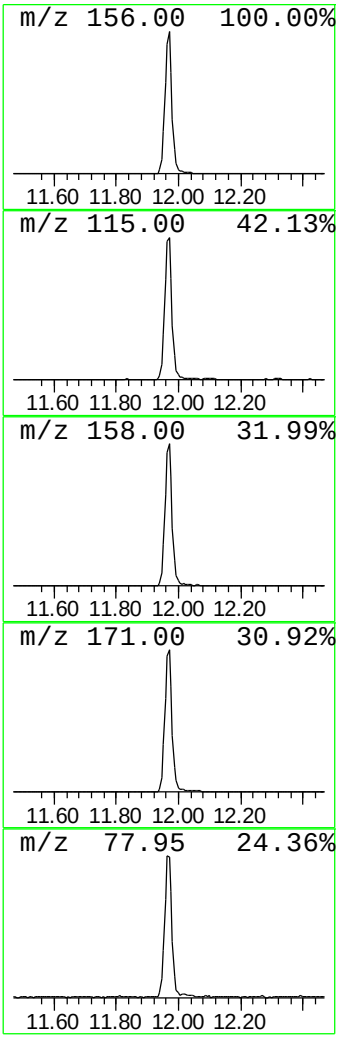
****

Peak Number 2 unknown-01 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.97	2.15 ng/ul	389014	Naphthalene-d8	10.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-(2-Chloro-pyridin-3-yl)-propan...	171	C8H10ClNO	267003-35-0	37
2	1,2,3,4-Tetrahydropentalene, 1,1...	171	C12H13N	1000217-18-6	37
3	6-Isopropylquinoline	171	C12H13N	000135-79-5	32
4	Bicyclo[3.2.0]hept-2-ene, 4-isop...	171	C12H13N	1000217-15-6	32
5	Chloroxylenol	156	C8H9ClO	000088-04-0	32





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP021920\
Data File : BP001776.D
Acq On : 19 Feb 2020 13:49
Operator : CG/JU
Sample : L1424-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C5B03

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.M
Quant Title : SVOA CALIBRATION

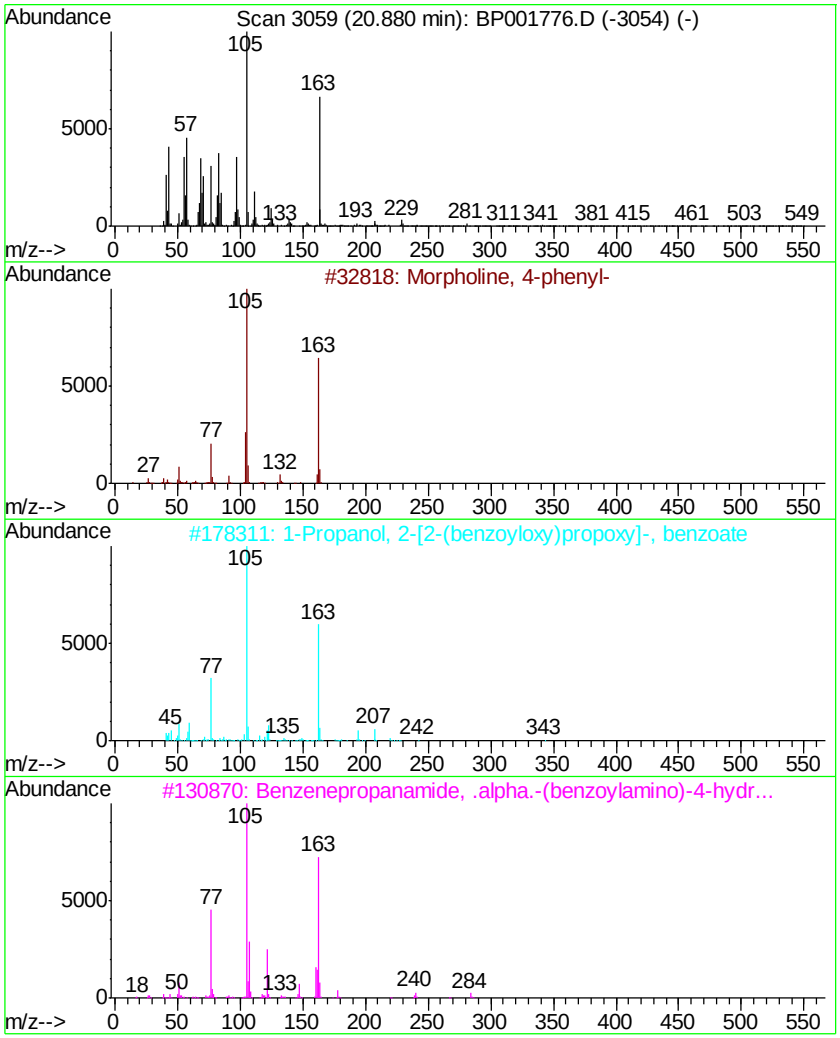
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

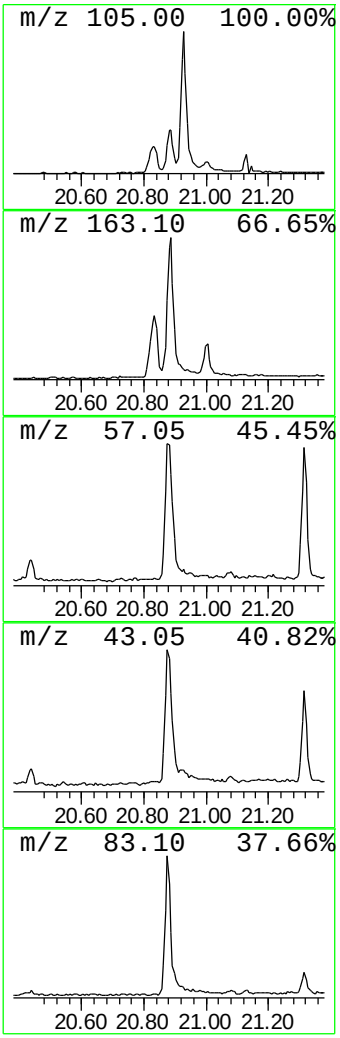
****

Peak Number 3 unknown-02 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.88	2.18 ng/ul	806048	Chrysene-d12	21.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Morpholine, 4-phenyl-	163	C10H13NO	000092-53-5	25
2	1-Propanol, 2-[2-(benzoyloxy)pro...	342	C20H22O5	020109-39-1	17
3	Benzenepropanamide, .alpha.-(ben...	284	C16H16N2O3	058690-81-6	17
4	Glyoxylamide, N-phenyl-	163	C9H9NO2	032331-52-5	14
5	Ethanone, 1-[2-(dimethylamino)ph...	163	C10H13NO	010336-55-7	12





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP021920\
Data File : BP001776.D
Acq On : 19 Feb 2020 13:49
Operator : CG/JU
Sample : L1424-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C5B03

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.M
Quant Title : SVOA CALIBRATION

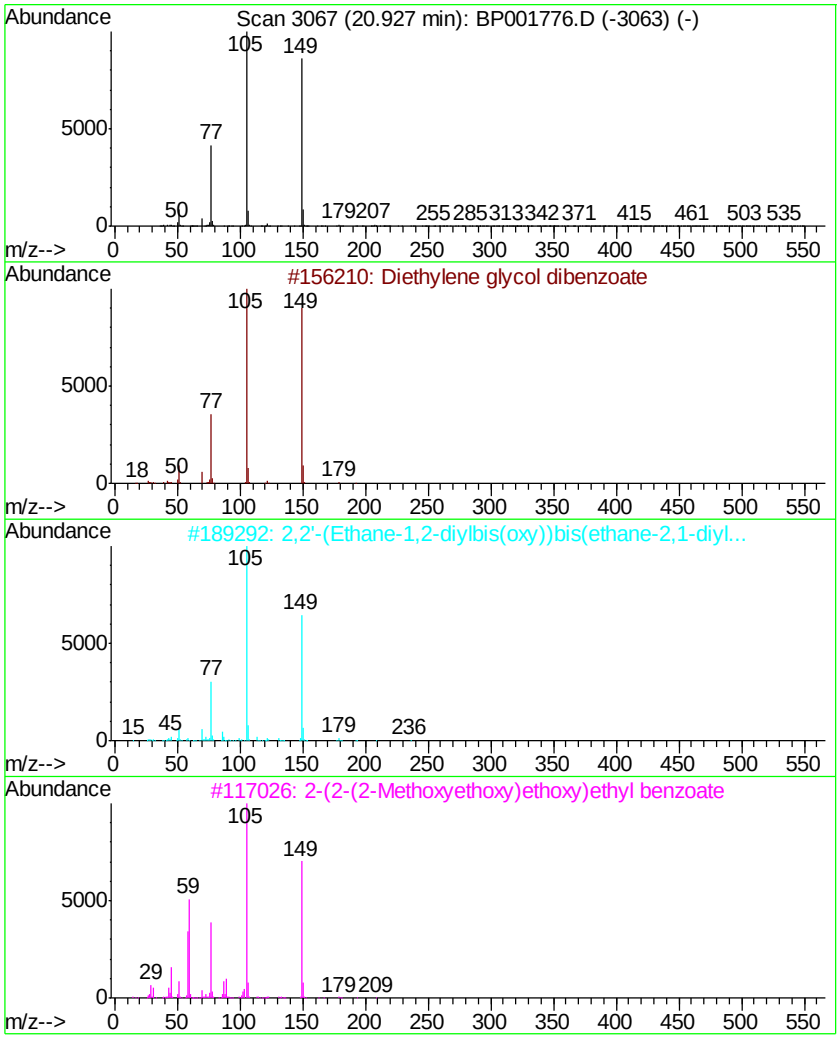
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

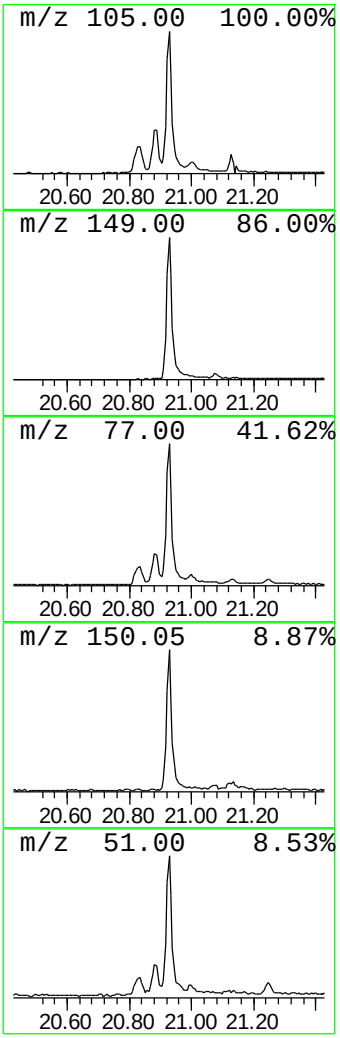
****

Peak Number 4 Diethylene glycol dibenzoate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.93	2.45 ng/ul	908040	Chrysene-d12	21.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diethylene glycol dibenzoate	314	C18H18O5	000120-55-8	90
2	2,2'-(Ethane-1,2-diylbis(oxy))bi...	358	C20H22O6	1000366-99-4	83
3	2-(2-(2-Methoxyethoxy)ethoxy)eth...	268	C14H20O5	1000366-99-1	74
4	1,3-Dioxolane, 2-(methoxymethyl)...	194	C11H14O3	1000156-71-2	74
5	Benzoic acid, 2-(3-nitrophenyl)e...	271	C15H13NO4	1000368-22-4	64





Library Search Compound Report

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Data File : BP001776.D
Acq On : 19 Feb 2020 13:49
Operator : CG/JU
Sample : L1424-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C5B03

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.M
Quant Title : SVOA CALIBRATION

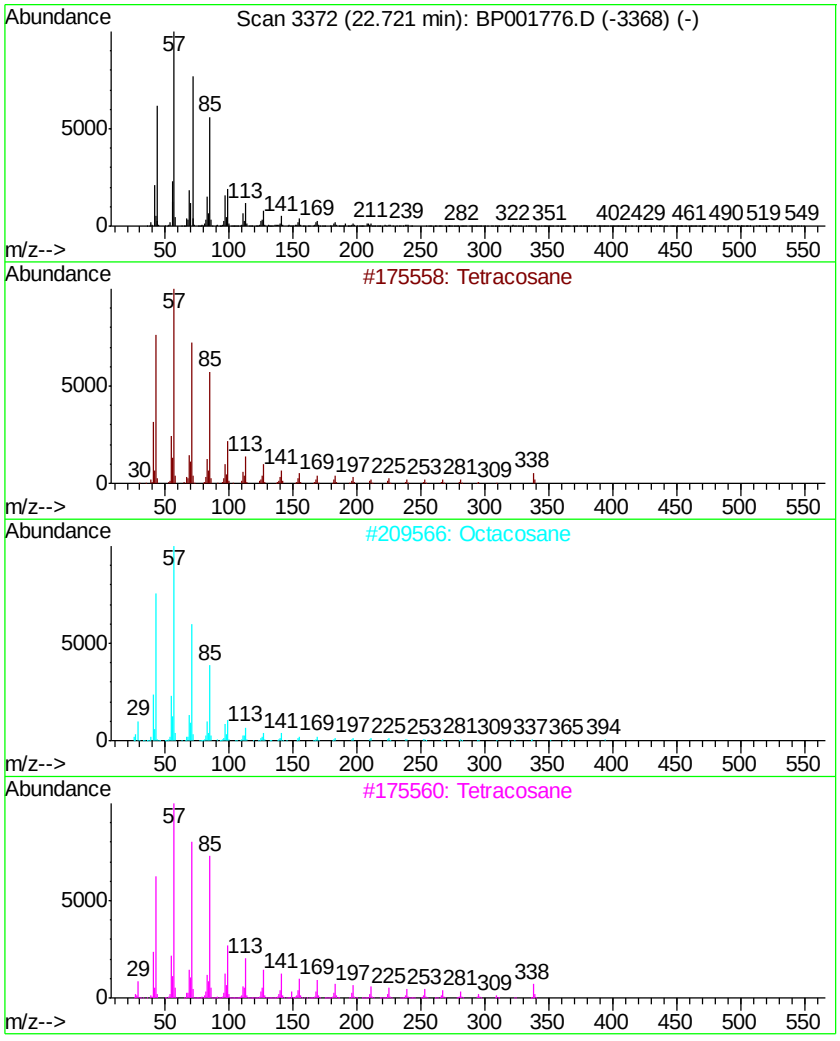
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

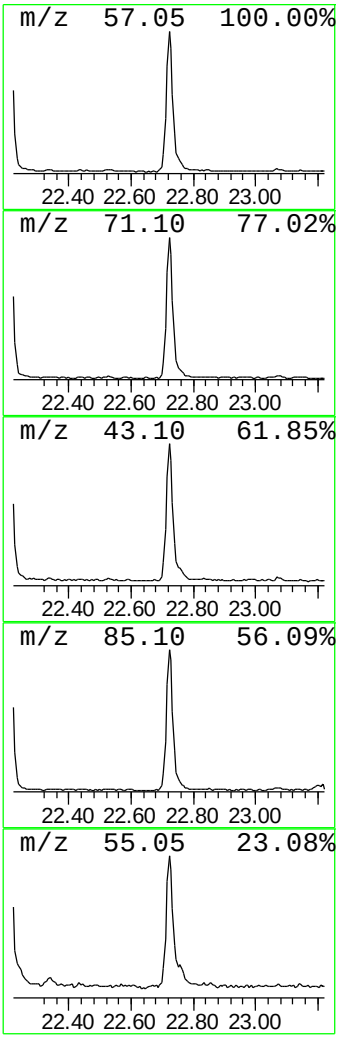
****

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.72	2.32 ng/ul	891623	Perylene-d12	23.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	97
2	Octacosane	394	C28H58	000630-02-4	93
3	Tetracosane	338	C24H50	000646-31-1	91
4	2-methyloctacosane	408	C29H60	1000376-72-8	91
5	Heneicosane	296	C21H44	000629-94-7	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP021920\
Data File : BP001776.D
Acq On : 19 Feb 2020 13:49
Operator : CG/JU
Sample : L1424-01
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Instrument : BNA_P
ClientSampleId : C5B03

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.M
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
Butane, 2-methoxy...	2.93	36.7	ng/ul	4481300	1	7.66	2440060	20.0
unknown-01	11.97	2.1	ng/ul	389014	2	10.43	3626650	20.0
unknown-02	20.88	2.2	ng/ul	806048	5	21.13	7409980	20.0
Diethylene glycol...	20.93	2.5	ng/ul	908040	5	21.13	7409980	20.0
(DEL) Alkane: Str...	22.72	2.3	ng/ul	891623	6	23.34	7702770	20.0