LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP021920\
Data File : BP001779.D
Acq On : 19 Feb 2020 15:31
Operator : CG/JU
Sample : L1424-09
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C5B09

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	3	8	31	rVB	3387022	4336724	59.46%	4.779%
2	3.181	46	50	57	rVB	61139	77690	1.07%	0.086%
3	3.687	134	136	143	rVB2	11060	15879	0.22%	0.017%
4	3.822	154	159	167	rVB2	27493	44132	0.61%	0.049%
5	3.911	170	174	179	rVB	18420	24791	0.34%	0.027%
6	4.134	208	212	219	rBV	43657	64816	0.89%	0.071%
7	4.399	255	257	262	rVB2	7044	8468	0.12%	0.009%
8	4.452	262	266	272	rVB	11215	16256	0.22%	0.018%
9	4.534	276	280	288	rBV	34135	48904	0.67%	0.054%
10	4.805	321	326	335	rVB2	129371	193499	2.65%	0.213%
11	6.834	661	671	681	rBV	1033975	1639850	22.48%	1.807%
12	6.999	692	699	711	rVB	805886	1258132	17.25%	1.386%
13	7.193	725	732	747	rBV	1083656	1669839	22.89%	1.840%
14	7.316	750	753	758	rVB5	6463	7950	0.11%	0.009%
15	7.657	804	811	819	rBV	1512974	2331851	31.97%	2.570%
16	7.740	821	825	832	rVB4	6557	10822	0.15%	0.012%
17	8.363	923	931	942	rBV	1188179	1882879	25.82%	2.075%
18	8.469	944	949	958	rVB	48361	81360	1.12%	0.090%
19	8.799	998	1005	1016	rBV	849866	1353057	18.55%	1.491%
20	9.299	1083	1090	1095	rBV	31055	49585	0.68%	0.055%
21	9.516	1113	1127	1143	rBV	568491	964152	13.22%	1.062%
22	9.875	1182	1188	1191	rBV5	4943	8425	0.12%	0.009%
23	10.051	1211	1218	1229	rBV	1205619	1969856	27.01%	2.171%
24	10.428	1274	1282	1297	rBV	1976504	3351991	45.96%	3.694%
25	10.563	1297	1305	1322	rBV	913869	1558621	21.37%	1.718%
26	10.963	1365	1373	1381	rBV	4724	11567	0.16%	0.013%
27	11.969	1537	1544	1549	rBV	212148	342296	4.69%	0.377%
28	12.022	1549	1553	1560	rVB2	23781	42250	0.58%	0.047%
29	13.151	1740	1745	1750	rVB7	7007	9750	0.13%	0.011%
30	13.216	1750	1756	1759	rBV2	11520	18859	0.26%	0.021%
31	13.622	1821	1825	1828	rVB6	4751	7734	0.11%	0.009%
32	13.704	1832	1839	1844	rBV	2069123	2857424	39.18%	3.149%
33	13.751	1844	1847	1855	rVB	227653	296303	4.06%	0.327%
34	13.981	1876	1886	1898	rBV	2483370	3586425	49.17%	3.952%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP021920\
Data File : BP001779.D
Acq On : 19 Feb 2020 15:31
Operator : CG/JU
Sample : L1424-09
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C5B09

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	14.292	1932	1939	1947	rVV	3256926	4601567	63.09%	5.071%
36	14.357	1947	1950	1953	rVB4	6483	8241	0.11%	0.009%
37	14.481	1964	1971	1984	rBV	652491	984159	13.49%	1.085%
38	14.716	2004	2011	2019	rVB2	55699	85708	1.18%	0.094%
39	14.928	2040	2047	2051	rBV10	3451	7762	0.11%	0.009%
40	15.128	2078	2081	2086	rVB5	5540	7483	0.10%	0.008%
41	15.186	2088	2091	2095	rBV3	6939	9024	0.12%	0.010%
42	15.286	2102	2108	2115	rBV	3303932	4668037	64.00%	5.144%
43	15.345	2115	2118	2122	rVV2	8996	11748	0.16%	0.013%
44	15.398	2122	2127	2142	rVV	436242	665766	9.13%	0.734%
45	15.528	2144	2149	2155	rVB	35682	57279	0.79%	0.063%
46	15.792	2190	2194	2197	rBV6	4560	7405	0.10%	0.008%
47	16.075	2240	2242	2251	rVB8	12171	18672	0.26%	0.021%
48	16.310	2279	2282	2287	rBV2	9302	14054	0.19%	0.015%
49	16.733	2350	2354	2357	rVB6	7476	10853	0.15%	0.012%
50	16.828	2366	2370	2373	rBV	11858	17405	0.24%	0.019%
51	17.039	2400	2406	2411	rBV	3830249	5576812	76.46%	6.146%
52	17.080	2411	2413	2417	rVV	194941	249746	3.42%	0.275%
53	17.139	2417	2423	2436	rVV2	3579003	5002622	68.59%	5.513%
54	17.245	2437	2441	2445	rVB3	31879	42178	0.58%	0.046%
55	17.457	2472	2477	2482	rVV3	18141	31995	0.44%	0.035%
56	17.916	2551	2555	2559	rBV	29936	42095	0.58%	0.046%
57	17.963	2559	2563	2573	rBV	215785	312774	4.29%	0.345%
58	18.104	2582	2587	2590	rBV2	35422	53798	0.74%	0.059%
59	18.139	2591	2593	2601	rVB	24832	28730	0.39%	0.032%
60	18.257	2608	2613	2618	rBV5	14785	26196	0.36%	0.029%
61	18.404	2632	2638	2641	rBV2	29596	55869	0.77%	0.062%
62	18.804	2701	2706	2712	rVB4	31391	50602	0.69%	0.056%
63	18.874	2715	2718	2721	rVV5	13845	17888	0.25%	0.020%
64	18.939	2725	2729	2738	rBV9	18478	49236	0.68%	0.054%
65	19.063	2745	2750	2755	rVB	483404	640253	8.78%	0.706%
66	19.204	2771	2774	2780	rBV	69405	105926	1.45%	0.117%
67	19.274	2783	2786	2793	rVV2	42432	74425	1.02%	0.082%
68	19.339	2795	2797	2798	rVV2	12475	10337	0.14%	0.011%
69	19.386	2799	2805	2817	rVV	4966967	7106630	97.44%	7.831%
70	19.469	2817	2819	2831	rVB2	25668	62705	0.86%	0.069%
71	19.592	2836	2840	2846	rVB	30377	44905	0.62%	0.049%

LSC Area Percent Report

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Acq On : 19 Feb 2020 15:31
Operator : CG/JU
Sample : L1424-09
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C5B09

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

72	19.733	2860	2864	2870	rBV3	20146	42274	0.58%	0.047%
73	19.863	2883	2886	2888	rBV3	21921	28766	0.39%	0.032%
74	19.898	2888	2892	2898	rVB2	56019	87091	1.19%	0.096%
75	19.957	2898	2902	2905	rBV	35973	42584	0.58%	0.047%
76	19.998	2905	2909	2912	rVB	29357	35321	0.48%	0.039%
77	20.051	2913	2918	2922	rBV2	41156	65141	0.89%	0.072%
78	20.186	2938	2941	2945	rVB2	22389	28182	0.39%	0.031%
79	20.233	2945	2949	2952	rBV2	21450	33575	0.46%	0.037%
80	20.439	2980	2984	2987	rBV	58314	63750	0.87%	0.070%
81	20.827	3046	3050	3054	rBV2	121276	196145	2.69%	0.216%
82	20.880	3054	3059	3063	rVV3	488623	768594	10.54%	0.847%
83	20.927	3063	3067	3076	rVB	603429	818020	11.22%	0.901%
84	21.133	3095	3102	3106	rBV	5799601	7243095	99.31%	7.982%
85	21.168	3106	3108	3116	rVB	326183	370051	5.07%	0.408%
86	21.251	3119	3122	3125	rBV	43444	55790	0.76%	0.061%
87	21.316	3130	3133	3140	rVB	215356	240287	3.29%	0.265%
88	21.751	3203	3207	3214	rVB	344621	437750	6.00%	0.482%
89	22.215	3281	3286	3300	rVB	401668	590867	8.10%	0.651%
90	22.339	3304	3307	3313	rVB	74663	97357	1.33%	0.107%
91	22.680	3360	3365	3368	rBV	224475	414787	5.69%	0.457%
92	22.721	3368	3372	3383	rVB	596987	1045496	14.33%	1.152%
93	23.151	3441	3445	3447	rBV	117499	173354	2.38%	0.191%
94	23.204	3447	3454	3465	rVV	3726046	6929626	95.01%	7.636%
95	23.298	3465	3470	3472	rVV	469360	764214	10.48%	0.842%
96	23.345	3472	3478	3495	rVB	3819808	7293639	100.00%	8.038%
97	23.951	3575	3581	3588	rBV	397655	805789	11.05%	0.888%
98	24.704	3703	3709	3723	rVB2	237615	591279	8.11%	0.652%
99	25.580	3853	3858	3869	rVB4	207607	579099	7.94%	0.638%

Sum of corrected areas: 90744945

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP021920\
Data File : BP001779.D
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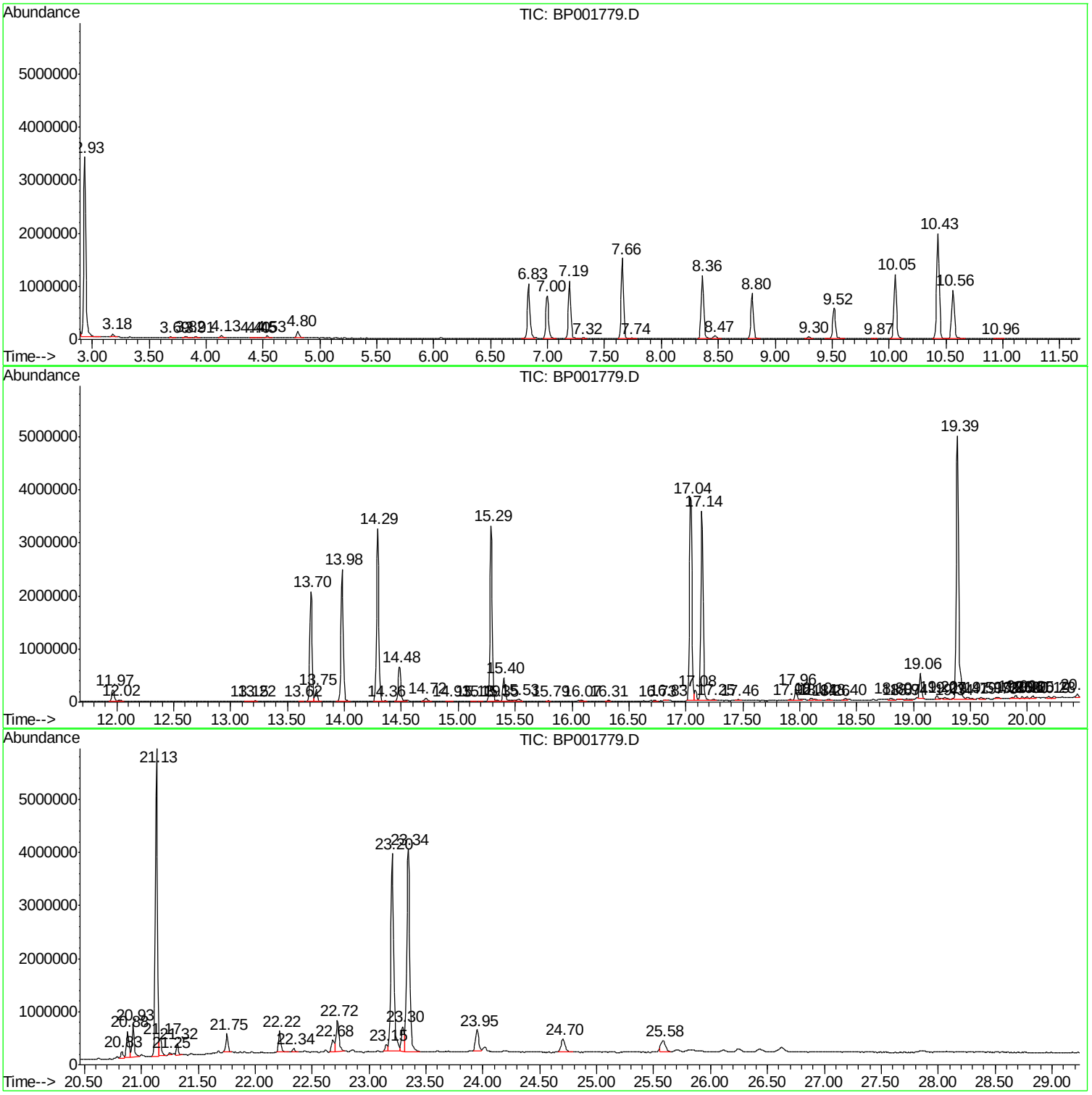
Operator : CG/JU
Sample : L1424-09
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C5B09

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP021920\
Data File : BP001779.D
Acq On : 19 Feb 2020 15:31
Operator : CG/JU
Sample : L1424-09
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C5B09

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

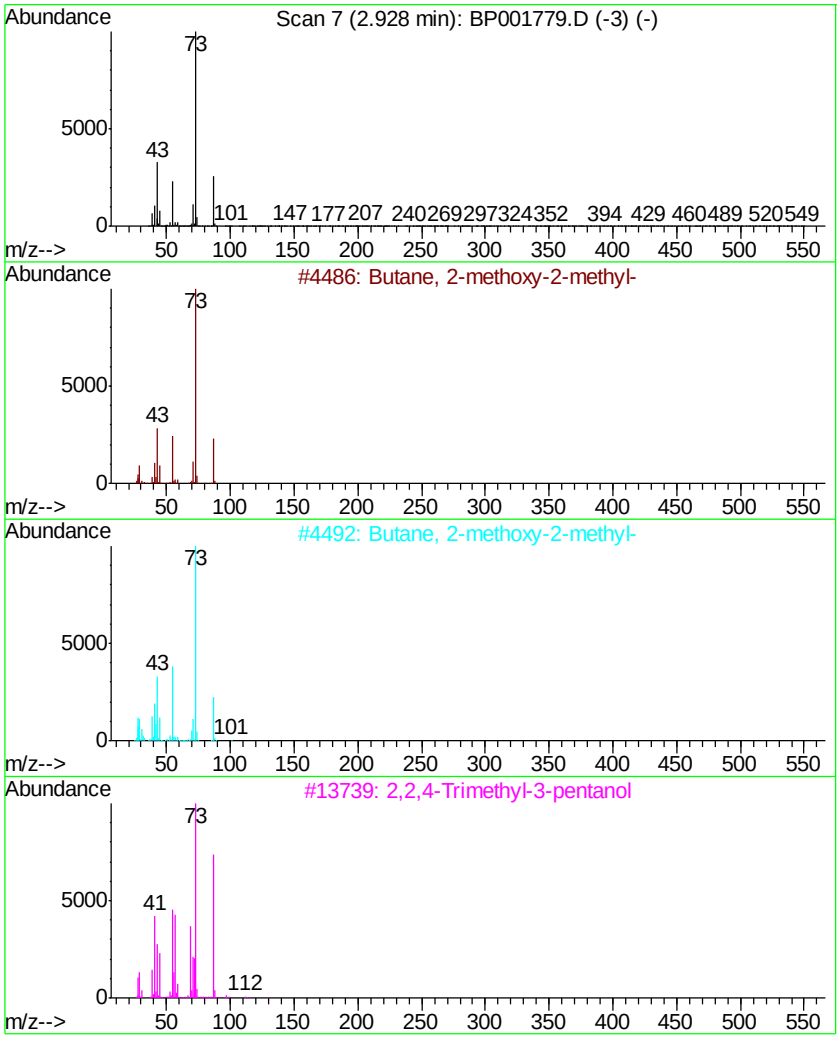
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

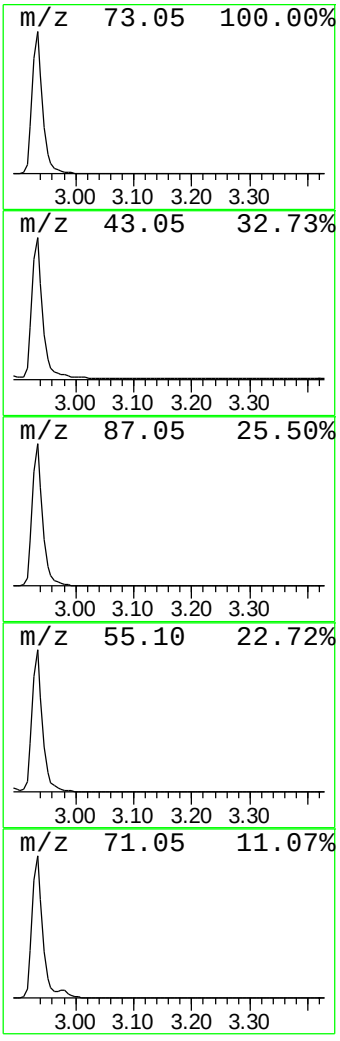
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.93	37.20 ng/ul	4336720	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	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	74
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP021920\
Data File : BP001779.D
Acq On : 19 Feb 2020 15:31
Operator : CG/JU
Sample : L1424-09
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C5B09

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

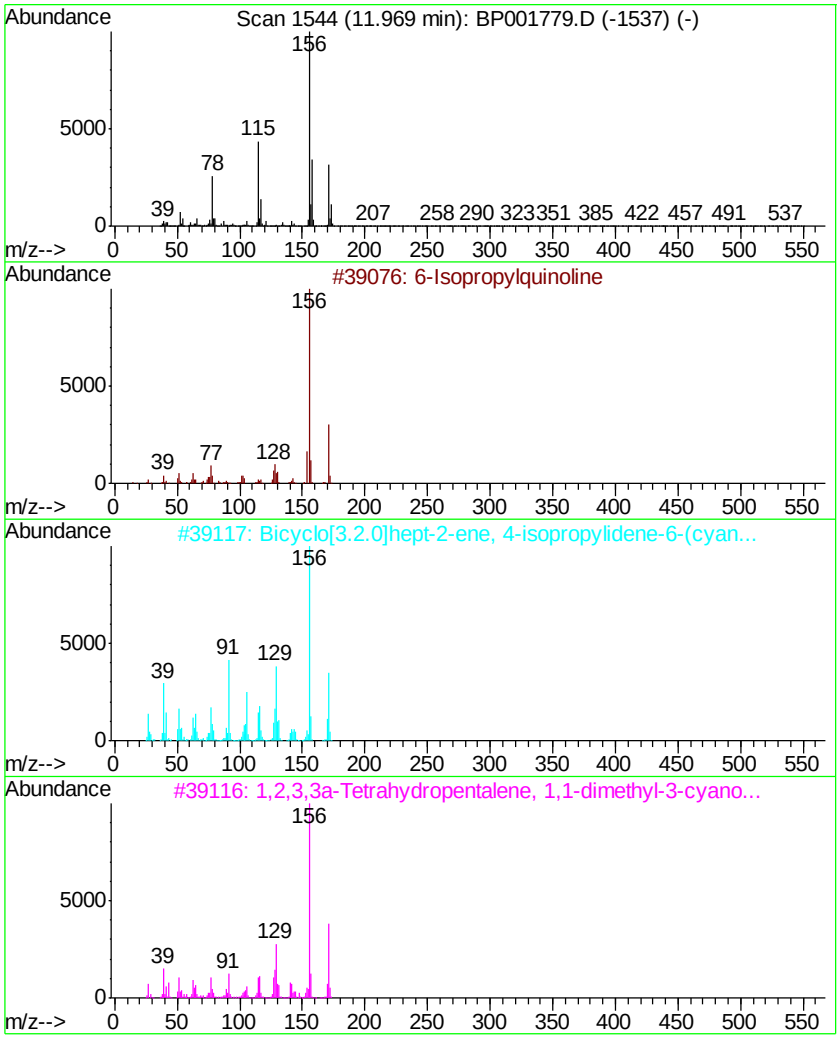
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

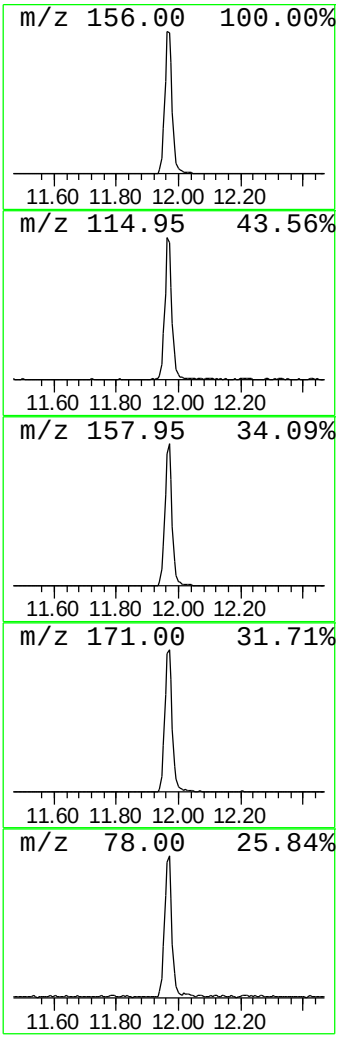
****

Peak Number 2 unknown-01 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.97	2.04 ng/ul	342296	Naphthalene-d8	10.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Isopropylquinoline	171	C12H13N	000135-79-5	38
2	Bicyclo[3.2.0]hept-2-ene, 4-isop...	171	C12H13N	1000217-15-6	37
3	1,2,3,3a-Tetrahydropentalene, 1,...	171	C12H13N	1000217-17-0	37
4	1,2,3,4-Tetrahydropentalene, 1,1...	171	C12H13N	1000217-18-6	37
5	Quinoline, 8-propyl-	171	C12H13N	007661-53-2	32





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP021920\
Data File : BP001779.D
Acq On : 19 Feb 2020 15:31
Operator : CG/JU
Sample : L1424-09
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C5B09

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

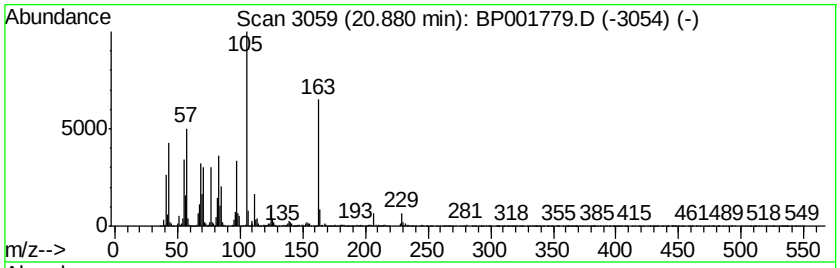
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

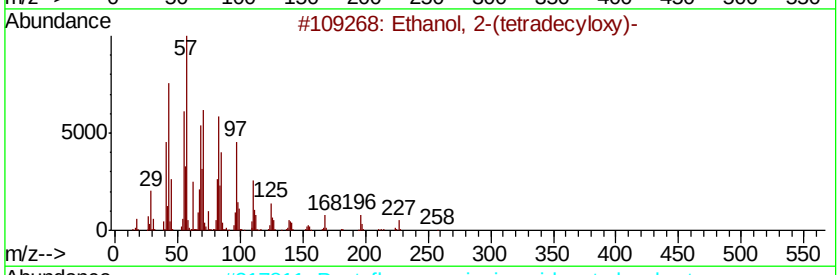
****

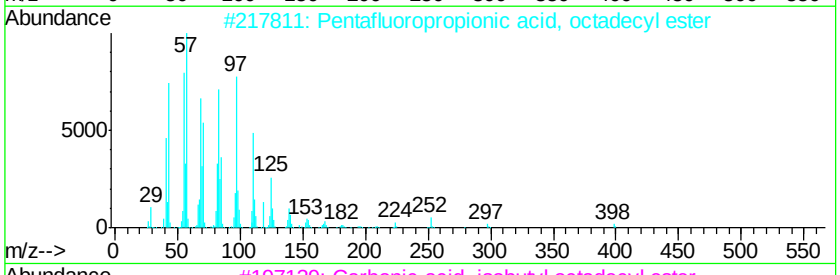
Peak Number 3 unknown-02 Concentration Rank 4

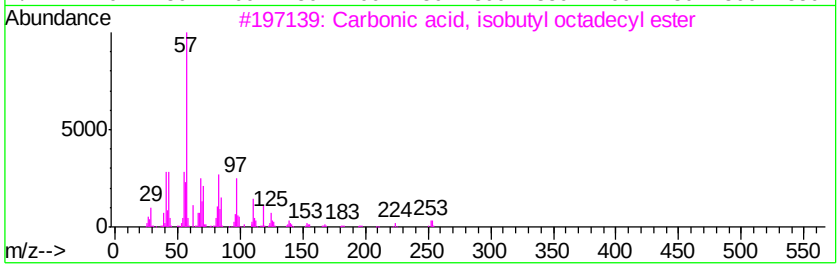
R.T.	EstConc	Area	Relative to ISTD	R.T.
20.88	2.12 ng/ul	768594	Chrysene-d12	21.13

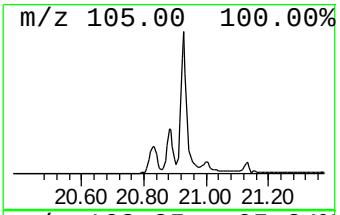
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	49
2	Pentafluoropropionic acid, octad...	416	C21H37F5O2	959261-25-7	49
3	Carbonic acid, isobutyl octadecy...	370	C23H46O3	1000314-61-5	46
4	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	43
5	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	43

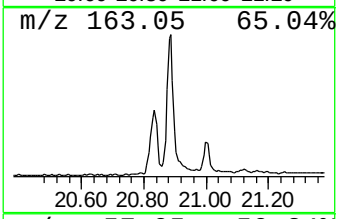


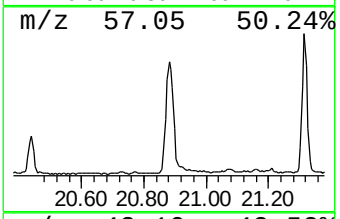


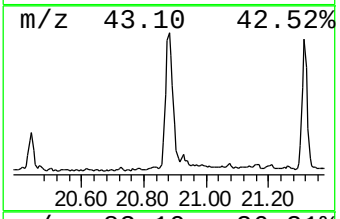


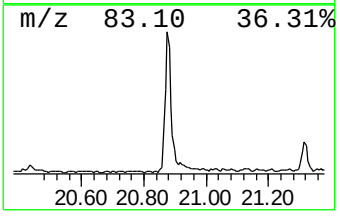












Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP021920\
Data File : BP001779.D
Acq On : 19 Feb 2020 15:31
Operator : CG/JU
Sample : L1424-09
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C5B09

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

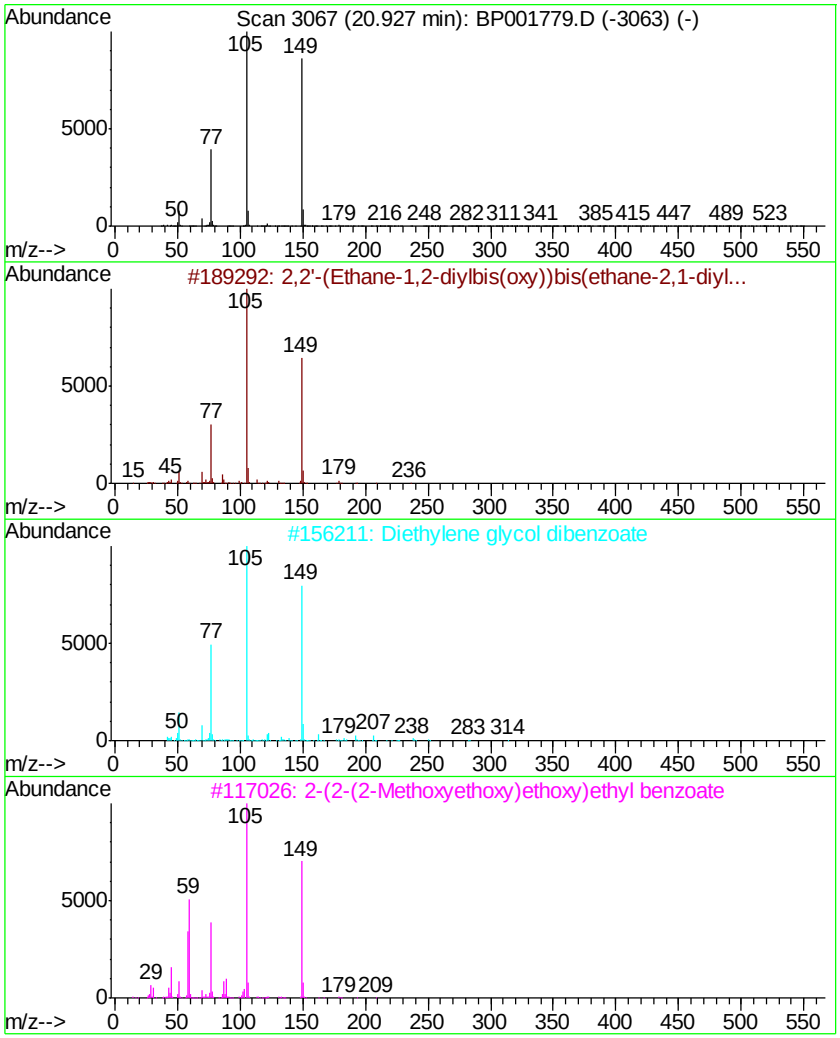
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

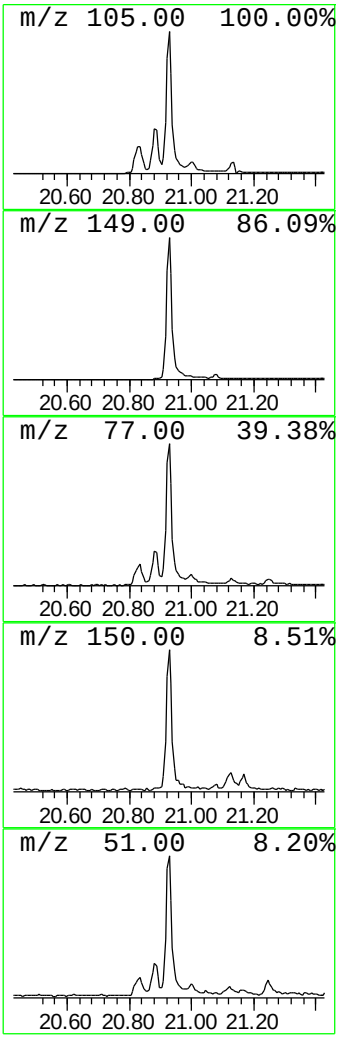
****

Peak Number 4 2,2'-(Ethane-1,2-diylbis(ox... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.93	2.26 ng/ul	818020	Chrysene-d12	21.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2'-(Ethane-1,2-diylbis(oxy))bi...	358	C20H22O6	1000366-99-4	83
2	Diethylene glycol dibenzoate	314	C18H18O5	000120-55-8	74
3	2-(2-(2-Methoxyethoxy)ethoxy)eth...	268	C14H20O5	1000366-99-1	74
4	3-Benzoylamino-2-benzyl-butyric ...	311	C19H21NO3	1000193-12-7	64
5	3,6,9,12-Tetraoxatetradecane-1,1...	446	C24H30O8	1000366-97-0	56





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP021920\
Data File : BP001779.D
Acq On : 19 Feb 2020 15:31
Operator : CG/JU
Sample : L1424-09
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C5B09

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

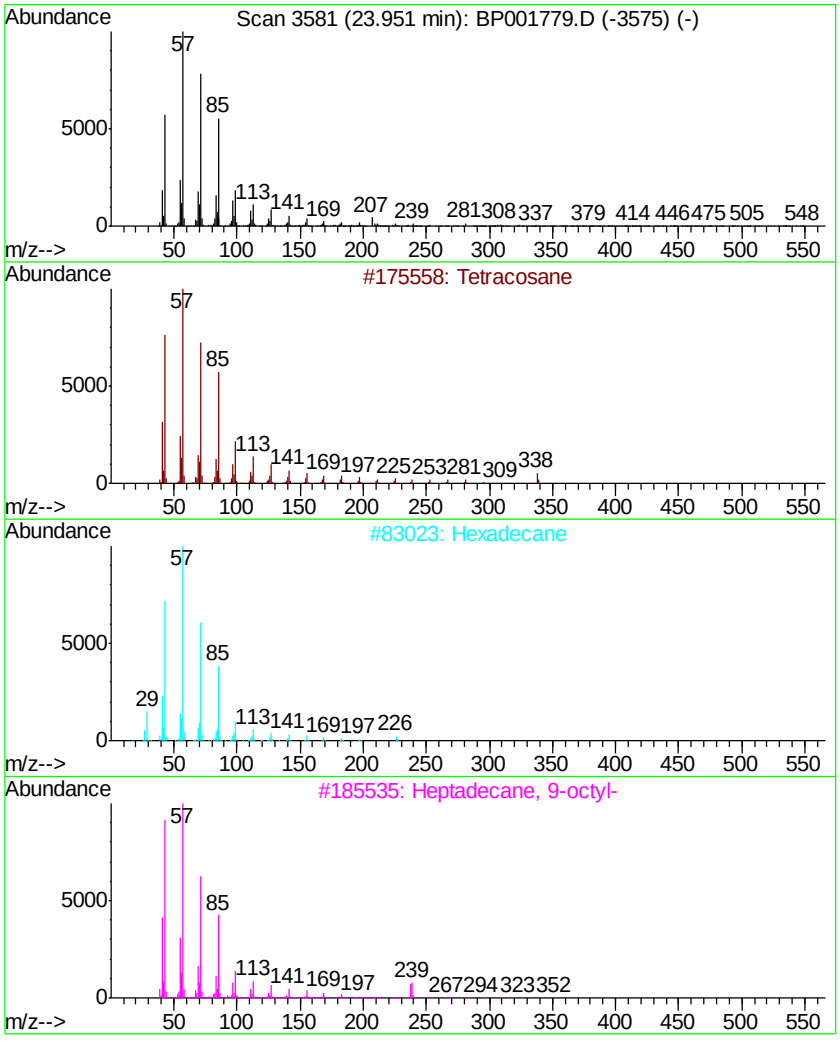
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

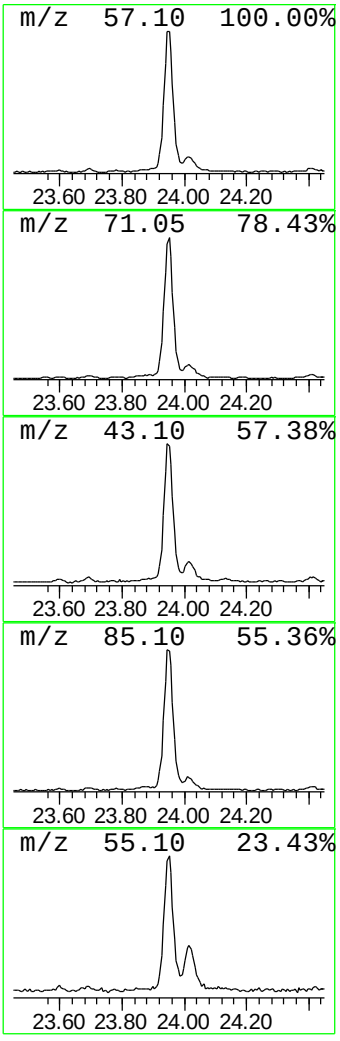
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.95	2.21 ng/ul	805789	Perylene-d12	23.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	96
2	Hexadecane	226	C16H34	000544-76-3	95
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	93
4	Docosane, 7-hexyl-	394	C28H58	055373-86-9	93
5	Hexatriacontane	507	C36H74	000630-06-8	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP021920\
Data File : BP001779.D
Acq On : 19 Feb 2020 15:31
Operator : CG/JU
Sample : L1424-09
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C5B09

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	37.2	ng/ul	4336720	1	7.66	2331850	20.0
unknown-01	11.97	2.0	ng/ul	342296	2	10.43	3351990	20.0
unknown-02	20.88	2.1	ng/ul	768594	5	21.13	7243100	20.0
2,2'-(Ethane-1,2-...	20.93	2.3	ng/ul	818020	5	21.13	7243100	20.0
(DEL) Alkane: Str...	23.95	2.2	ng/ul	805789	6	23.34	7293640	20.0