LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP030920\
Data File : BP002129.D
Acq On : 09 Mar 2020 20:04
Operator : CG/JU
Sample : L1834-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0DK4

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-BP022720MA.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	2.916	3	5	22	rVB	822109	1041507	13.75%	1.522%
2	3.163	43	47	54	rBV2	53473	78758	1.04%	0.115%
3	3.804	152	156	161	rVB3	6258	12254	0.16%	0.018%
4	3.887	167	170	175	rVB	10946	14807	0.20%	0.022%
5	6.816	662	668	679	rBV	178305	313388	4.14%	0.458%
6	6.975	689	695	706	rBV	687204	1082913	14.30%	1.582%
7	7.175	722	729	739	rBV	731763	1191799	15.73%	1.741%
8	7.528	782	789	798	rBV	147026	236777	3.13%	0.346%
9	7.634	800	807	819	rVV	1013692	1687271	22.27%	2.465%
10	7.716	819	821	827	rVB3	6488	9609	0.13%	0.014%
11	7.987	860	867	876	rVB	317329	520161	6.87%	0.760%
12	8.340	920	927	937	rBV	521731	870720	11.49%	1.272%
13	8.781	993	1002	1015	rBV	750044	1277185	16.86%	1.866%
14	9.263	1078	1084	1090	rVB2	51791	85454	1.13%	0.125%
15	9.498	1116	1124	1133	rBV	599580	980802	12.95%	1.433%
16	10.034	1208	1215	1237	rBV	987220	1776533	23.45%	2.596%
17	10.192	1237	1242	1249	rVV2	22277	45741	0.60%	0.067%
18	10.275	1249	1256	1262	rVV	56977	97441	1.29%	0.142%
19	10.404	1271	1278	1292	rBV	1356975	2304328	30.42%	3.367%
20	10.557	1298	1304	1314	rBV	35079	79603	1.05%	0.116%
21	10.798	1339	1345	1350	rBV3	13169	23398	0.31%	0.034%
22	11.757	1502	1508	1515	rBV2	33171	57262	0.76%	0.084%
23	12.010	1544	1551	1557	rBV2	15855	29659	0.39%	0.043%
24	12.457	1623	1627	1634	rVB3	19073	36234	0.48%	0.053%
25	13.069	1724	1731	1738	rBV3	79776	139822	1.85%	0.204%
26	13.292	1760	1769	1778	rBV	189162	355870	4.70%	0.520%
27	13.686	1829	1836	1841	rBV	2042674	2868421	37.87%	4.191%
28	13.733	1841	1844	1853	rVB	173770	241690	3.19%	0.353%
29	13.957	1875	1882	1898	rBV	2375158	3617101	47.75%	5.285%
30	14.210	1919	1925	1929	rBV2	4166	8205	0.11%	0.012%
31	14.269	1929	1935	1947	rVV	2138425	3246241	42.86%	4.743%
32	14.480	1966	1971	1979	rBV2	52536	121882	1.61%	0.178%
33	14.598	1986	1991	1998	rVB2	34880	55902	0.74%	0.082%
34	15.269	2098	2105	2120	rBV	3389912	4777795	63.07%	6.981%

LSC Area Percent Report

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Acq On : 09 Mar 2020 20:04
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Sample : L1834-12
Misc :
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Instrument : BNA_P
ClientSampleId : C0DK4

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-BP022720MA.M
Title : SVOA CALIBRATION

35	15.392	2120	2126	2142	rVV	642805	943701	12.46%	1.379%
36	15.510	2142	2146	2152	rVB2	37340	58306	0.77%	0.085%
37	16.057	2232	2239	2244	rBV2	13208	23206	0.31%	0.034%
38	16.710	2345	2350	2354	rVB2	9251	14216	0.19%	0.021%
39	16.810	2362	2367	2372	rBV3	12048	23061	0.30%	0.034%
40	17.021	2393	2403	2411	rBV	2740049	3929926	51.88%	5.742%
41	17.121	2414	2420	2435	rVV	3921386	5557701	73.37%	8.120%
42	17.945	2556	2560	2567	rBV2	66404	106040	1.40%	0.155%
43	19.015	2738	2742	2748	rBV	49036	64922	0.86%	0.095%
44	19.186	2767	2771	2778	rBV3	24125	44125	0.58%	0.064%
45	19.257	2780	2783	2790	rVB	41342	57326	0.76%	0.084%
46	19.368	2796	2802	2820	rVB	5302782	6957391	91.85%	10.165%
47	20.857	3051	3055	3061	rBV4	106066	180745	2.39%	0.264%
48	21.115	3094	3099	3109	rBV	3957224	4886180	64.50%	7.139%
49	21.292	3126	3129	3134	rVB	105967	106873	1.41%	0.156%
50	21.721	3198	3202	3208	rBV	212922	254772	3.36%	0.372%
51	22.180	3276	3280	3291	rVB	346258	447459	5.91%	0.654%
52	22.686	3361	3366	3377	rVB	439755	627206	8.28%	0.916%
53	23.186	3443	3451	3458	rBV	4012015	7574936	100.00%	11.068%
54	23.250	3458	3462	3467	rVV	482169	826233	10.91%	1.207%
55	23.321	3467	3474	3488	rVB	2791281	5234390	69.10%	7.648%
56	23.898	3566	3572	3582	rBV	383329	734322	9.69%	1.073%
57	24.645	3693	3699	3708	rVB	229458	501645	6.62%	0.733%

Sum of corrected areas: 68441215

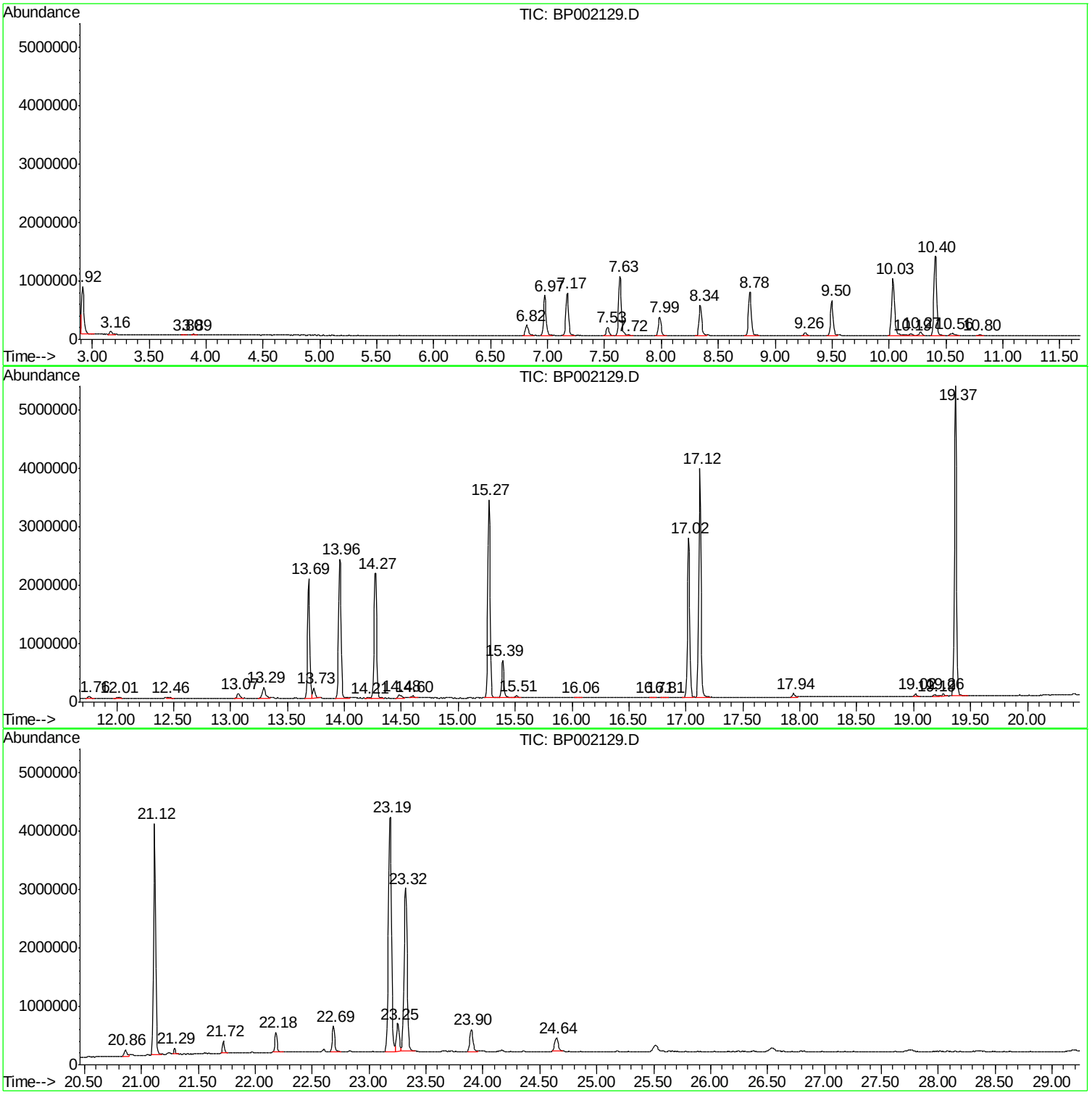
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP030920\
Data File : BP002129.D
Acq On : 09 Mar 2020 20:04
Operator : CG/JU
Sample : L1834-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0DK4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP022720MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP030920\
Data File : BP002129.D
Acq On : 09 Mar 2020 20:04
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Sample : L1834-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0DK4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP022720MA.M
Quant Title : SVOA CALIBRATION

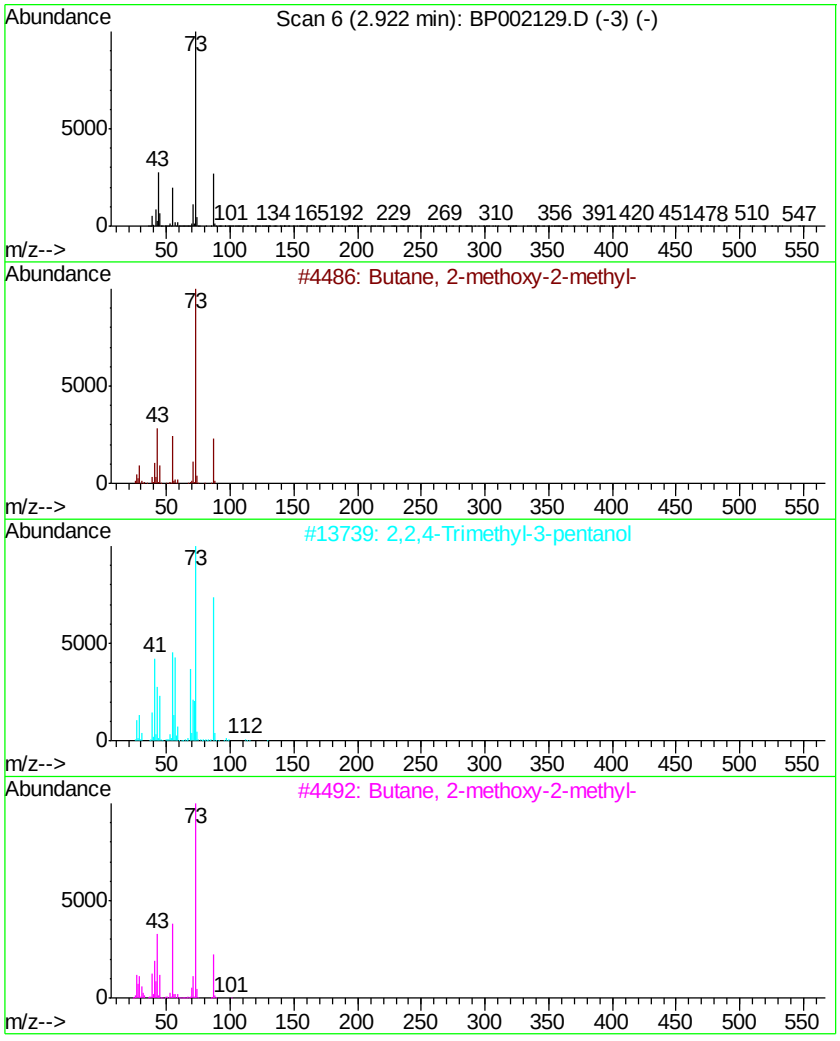
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

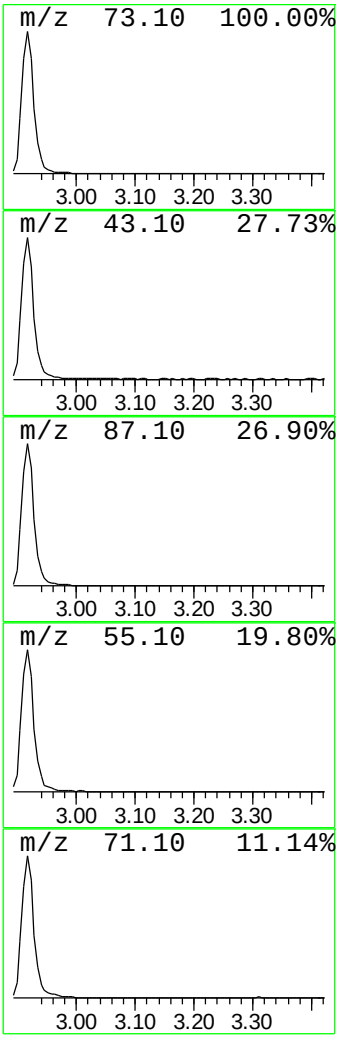
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.92	12.35 ng/ul	1041510	1,4-Dichlorobenzene-d4	7.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	90
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	64
3	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	64
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP030920\
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Acq On : 09 Mar 2020 20:04
Operator : CG/JU
Sample : L1834-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0DK4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP022720MA.M
Quant Title : SVOA CALIBRATION

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

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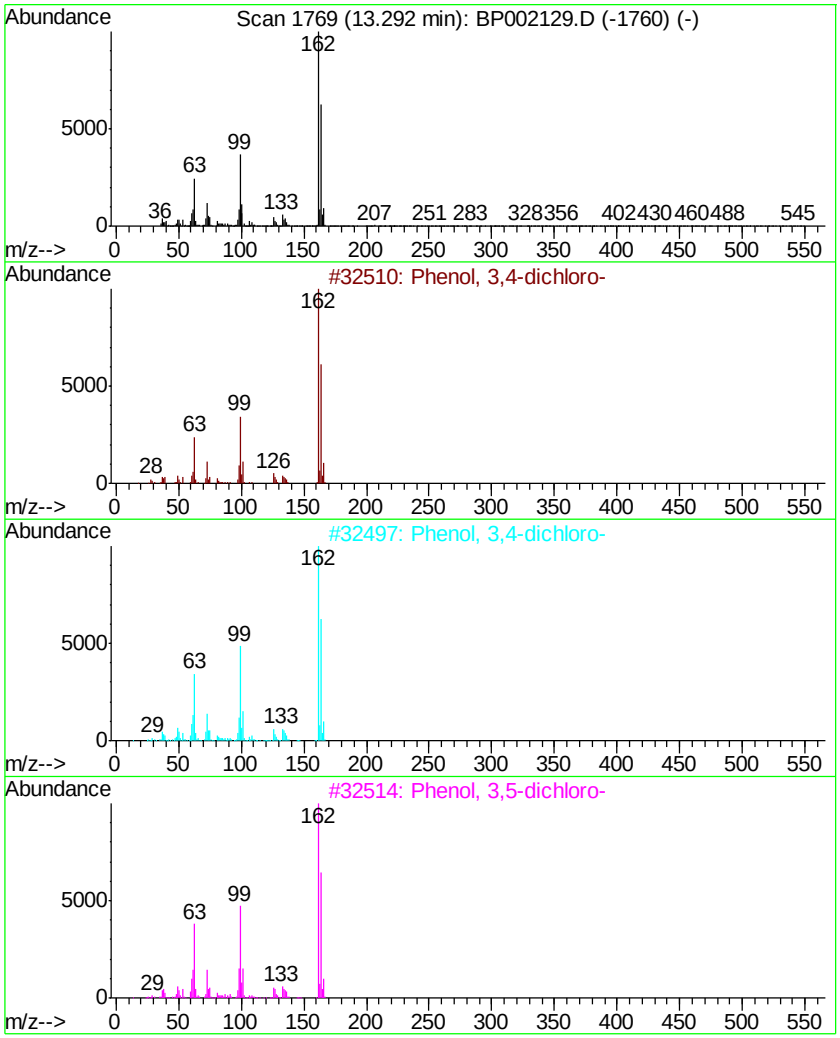
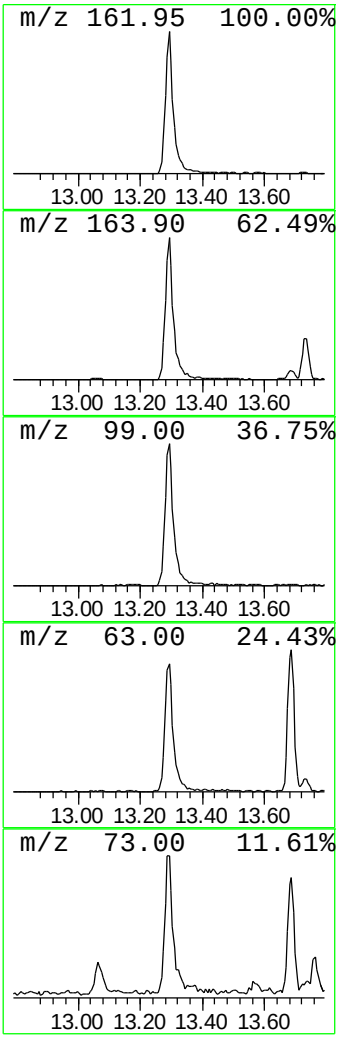
Peak Number 4 Phenol, 3,4-dichloro- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.29	2.19 ng/ul	355870	Acenaphthene-d10	14.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3,4-dichloro-	162	C6H4Cl2O	000095-77-2	97
2	Phenol, 3,4-dichloro-	162	C6H4Cl2O	000095-77-2	96
3	Phenol, 3,5-dichloro-	162	C6H4Cl2O	000591-35-5	96
4	Phenol, 3,4-dichloro-	162	C6H4Cl2O	000095-77-2	95
5	Phenol, 3,5-dichloro-	162	C6H4Cl2O	000591-35-5	94





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP030920\
Data File : BP002129.D
Acq On : 09 Mar 2020 20:04
Operator : CG/JU
Sample : L1834-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0DK4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP022720MA.M
Quant Title : SVOA CALIBRATION

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

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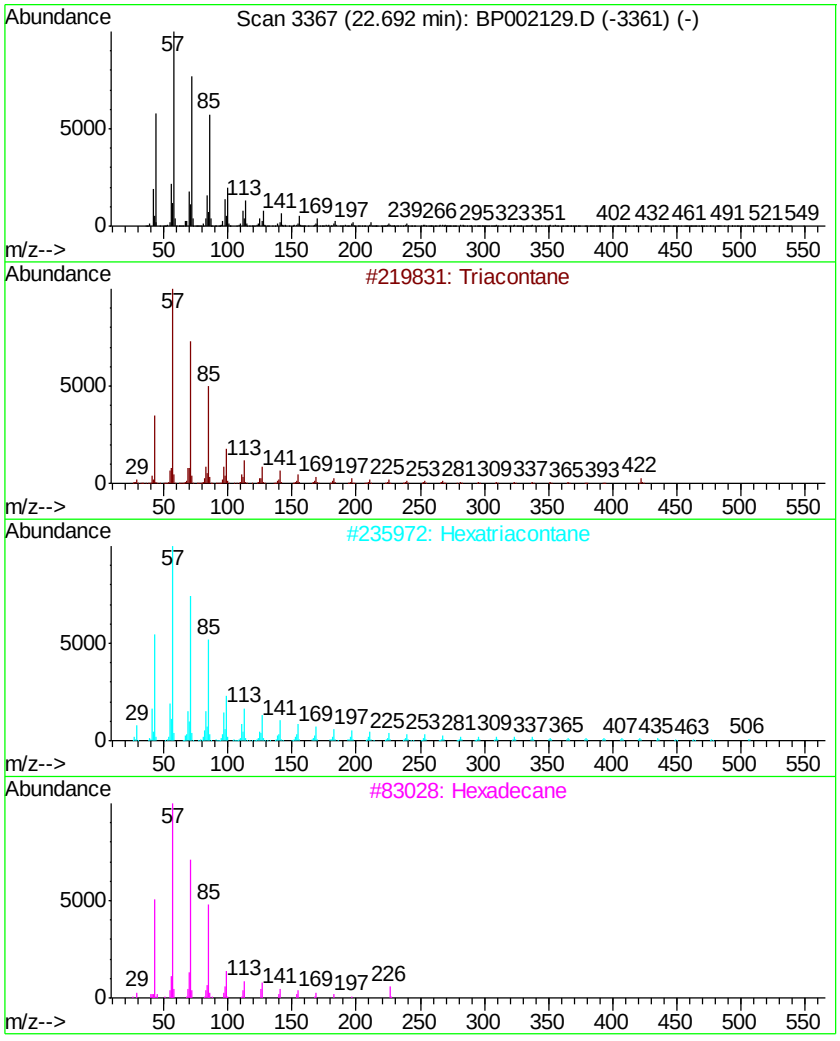
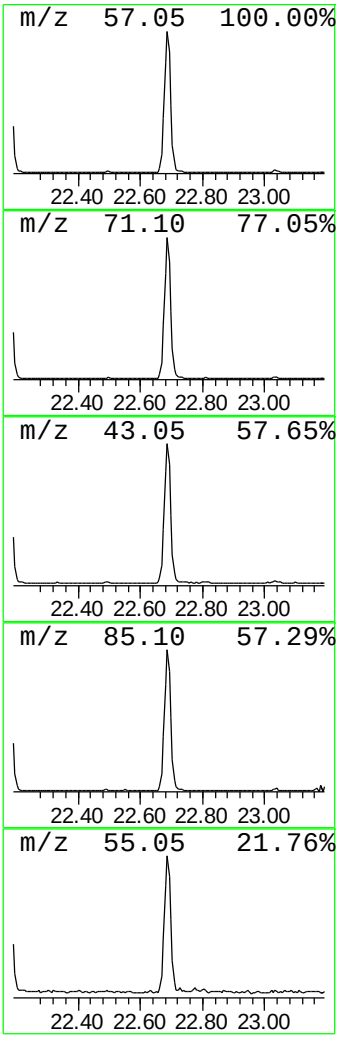
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.69	2.40 ng/ul	627206	Perylene-d12	23.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triacontane	422	C30H62	000638-68-6	94
2	Hexatriacontane	507	C36H74	000630-06-8	93
3	Hexadecane	226	C16H34	000544-76-3	93
4	2-methyloctacosane	408	C29H60	1000376-72-8	91
5	Heneicosane	296	C21H44	000629-94-7	91





Library Search Compound Report

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Acq On : 09 Mar 2020 20:04
Operator : CG/JU
Sample : L1834-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0DK4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP022720MA.M
Quant Title : SVOA CALIBRATION

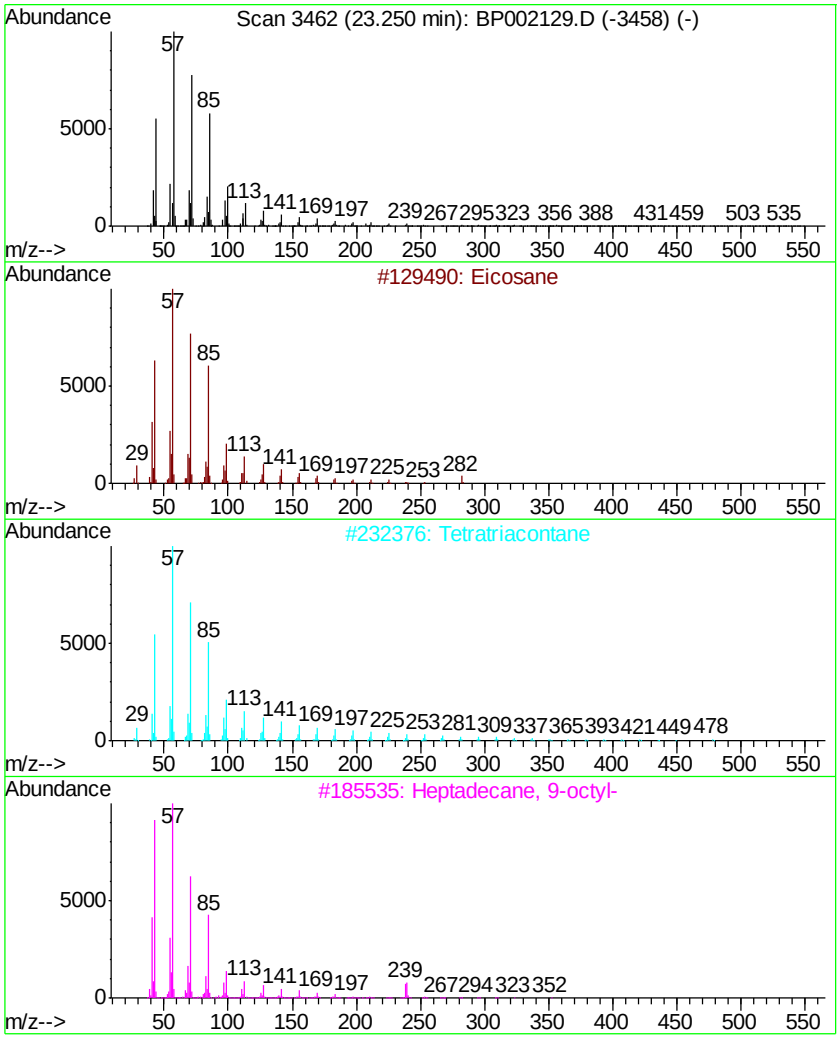
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

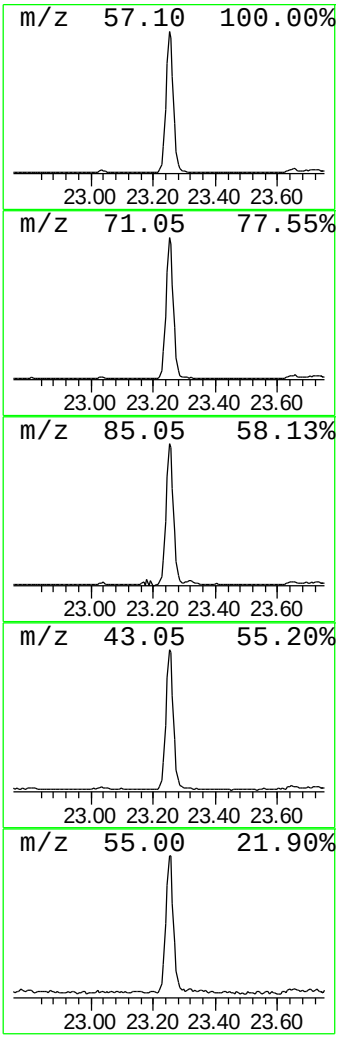
****

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.25	3.16 ng/ul	826233	Perylene-d12	23.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	94
2	Tetratriacontane	479	C34H70	014167-59-0	93
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	93
4	Tetracosane	338	C24H50	000646-31-1	91
5	2-methyloctacosane	408	C29H60	1000376-72-8	91





Library Search Compound Report

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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0DK4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP022720MA.M
Quant Title : SVOA CALIBRATION

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

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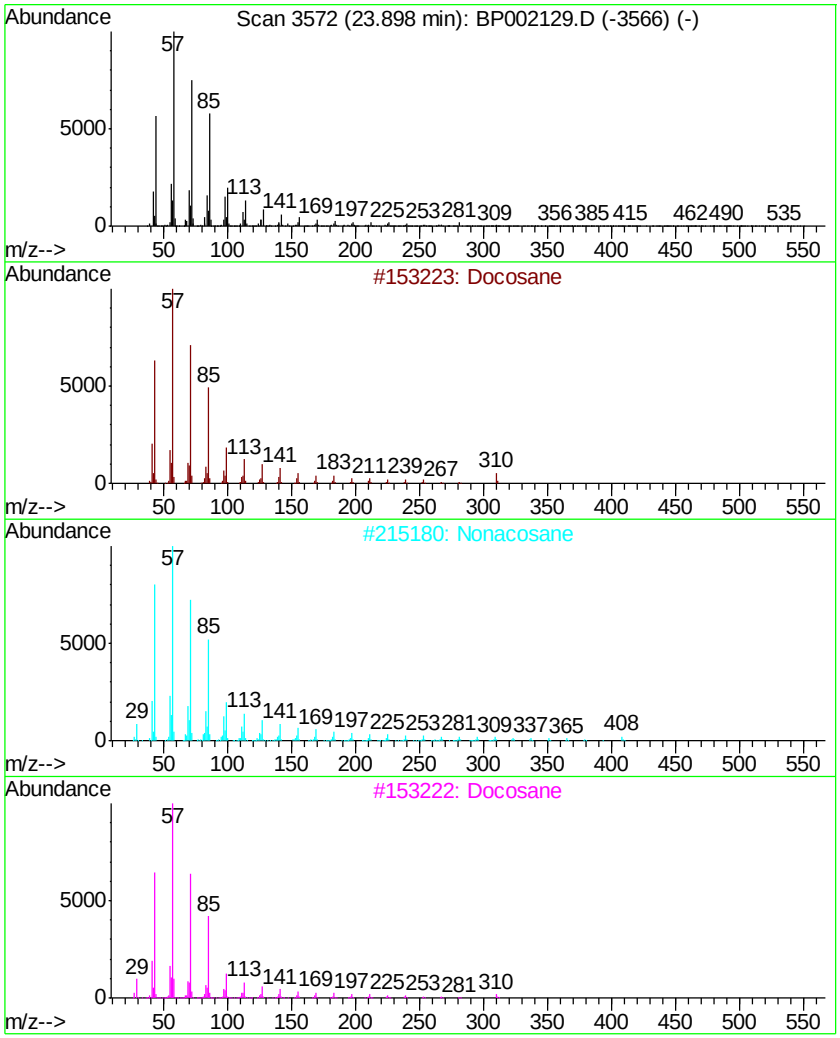
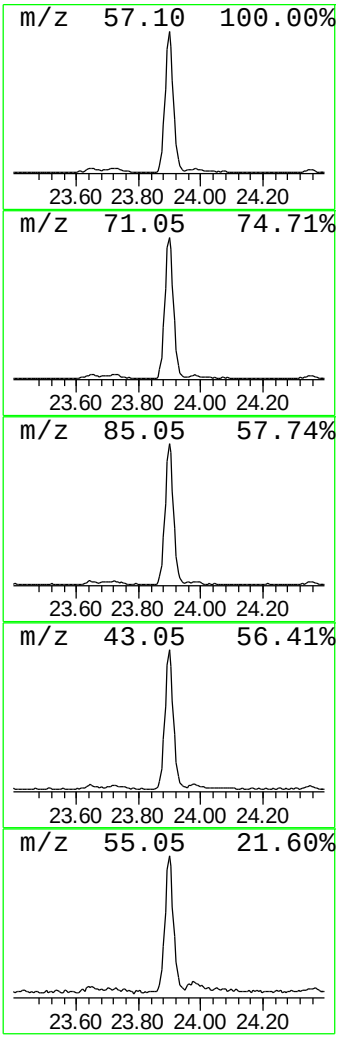
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.90	2.81 ng/ul	734322	Perylene-d12	23.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane	310	C22H46	000629-97-0	95
2	Nonacosane	408	C29H60	000630-03-5	95
3	Docosane	310	C22H46	000629-97-0	93
4	Docosane, 11-butyl-	366	C26H54	013475-76-8	93
5	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	93





Tentatively Identified Compound (LSC) summary

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP022720MA.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...	2.92	12.4	ng/ul	1041510	1	7.63	1687270	20.0
Phenol, 3,4-dichl...	13.29	2.2	ng/ul	355870	3	14.27	3246240	20.0
(DEL) Alkane: Str...	22.69	2.4	ng/ul	627206	6	23.32	5234390	20.0
(DEL) Alkane: Str...	23.25	3.2	ng/ul	826233	6	23.32	5234390	20.0
(DEL) Alkane: Str...	23.90	2.8	ng/ul	734322	6	23.32	5234390	20.0