LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081519\
Data File : BG042240.D
Acq On : 15 Aug 2019 22:07
Operator : HP/JU
Sample : K4183-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AH0

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_G\METHODS\SOM-EPA-BG080319MA.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	3.141	5	9	33	rVB	1057621	1777972	100.00%	13.441%
2	3.405	51	54	62	rVB3	4232	7460	0.42%	0.056%
3	4.075	162	168	173	rBV2	7664	12586	0.71%	0.095%
4	4.169	181	184	186	rBV4	2344	2842	0.16%	0.021%
5	5.097	337	342	345	rBV2	3738	6135	0.35%	0.046%
6	6.707	613	616	620	rVB4	1726	2299	0.13%	0.017%
7	7.183	691	697	711	rBV	81044	170757	9.60%	1.291%
8	7.342	718	724	735	rVB	67547	122139	6.87%	0.923%
9	7.553	753	760	773	rBV	103538	189867	10.68%	1.435%
10	8.023	833	840	850	rBV	203987	358131	20.14%	2.707%
11	8.740	954	962	978	rBV2	106334	216865	12.20%	1.639%
12	9.192	1032	1039	1049	rBV	89593	165681	9.32%	1.253%
13	9.633	1110	1114	1118	rVB4	1686	2955	0.17%	0.022%
14	9.921	1157	1163	1175	rBV	75669	145532	8.19%	1.100%
15	10.385	1237	1242	1248	rVB5	1024	2208	0.12%	0.017%
16	10.473	1250	1257	1270	rBV	114858	249004	14.00%	1.882%
17	10.849	1311	1321	1331	rBV	280218	520565	29.28%	3.935%
18	10.979	1337	1343	1363	rVB	98741	215943	12.15%	1.632%
19	12.453	1588	1594	1596	rBV4	1451	2460	0.14%	0.019%
20	13.576	1782	1785	1788	rVB3	1594	1805	0.10%	0.014%
21	14.010	1852	1859	1864	rVB4	17933	27201	1.53%	0.206%
22	14.081	1864	1871	1876	rBV	256494	398386	22.41%	3.012%
23	14.128	1876	1879	1893	rVB	85417	131499	7.40%	0.994%
24	14.375	1914	1921	1934	rBV2	301599	507087	28.52%	3.833%
25	14.686	1962	1974	1983	rBV	489745	776937	43.70%	5.873%
26	14.898	2003	2010	2021	rBV2	35274	96831	5.45%	0.732%
27	15.103	2043	2045	2049	rVB3	1984	2050	0.12%	0.015%
28	15.485	2106	2110	2115	rVB4	1459	2142	0.12%	0.016%
29	15.679	2135	2143	2155	rBV	412415	630466	35.46%	4.766%
30	15.802	2159	2164	2173	rVB2	27425	48186	2.71%	0.364%
31	15.920	2179	2184	2190	rVB3	4143	7005	0.39%	0.053%
32	17.189	2397	2400	2404	rBV3	2199	3162	0.18%	0.024%
33	17.436	2435	2442	2453	rBV2	548990	890264	50.07%	6.730%
34	17.536	2453	2459	2471	rVV	468953	695017	39.09%	5.254%

LSC Area Percent Report

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Acq On : 15 Aug 2019 22:07
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Sample : K4183-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AH0

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_G\METHODS\SOM-EPA-BG080319MA.M
Title : SVOA CALIBRATION

35	17.724	2486	2491	2494	rBV5	2167	3979	0.22%	0.030%
36	17.935	2524	2527	2531	rVB4	2458	3091	0.17%	0.023%
37	18.341	2590	2596	2597	rBV4	3543	5621	0.32%	0.042%
38	18.664	2649	2651	2658	rBV6	3662	6140	0.35%	0.046%
39	18.752	2662	2666	2667	rBV4	1570	1942	0.11%	0.015%
40	18.775	2667	2670	2675	rBV6	1850	2948	0.17%	0.022%
41	18.881	2683	2688	2689	rBV4	1729	2679	0.15%	0.020%
42	18.993	2706	2707	2711	rBV4	2193	1796	0.10%	0.014%
43	19.245	2748	2750	2754	rBV3	2020	3054	0.17%	0.023%
44	19.351	2766	2768	2770	rBV3	1702	1820	0.10%	0.014%
45	19.463	2782	2787	2791	rBV2	6684	11148	0.63%	0.084%
46	19.645	2816	2818	2820	rBV3	1789	1924	0.11%	0.015%
47	19.715	2823	2830	2833	rBV3	7377	12792	0.72%	0.097%
48	19.827	2842	2849	2857	rBV	588902	892716	50.21%	6.749%
49	21.173	3074	3078	3085	rVB	86683	118630	6.67%	0.897%
50	21.378	3108	3113	3121	rBV8	24180	60397	3.40%	0.457%
51	21.719	3165	3171	3180	rBV2	601511	1022271	57.50%	7.728%
52	21.925	3202	3206	3211	rVB4	18893	29251	1.65%	0.221%
53	22.536	3306	3310	3317	rBV	41246	80062	4.50%	0.605%
54	23.247	3426	3431	3439	rVB	59900	111009	6.24%	0.839%
55	24.069	3566	3571	3582	rVB	76703	157970	8.88%	1.194%
56	24.768	3680	3690	3701	rBV	317815	897726	50.49%	6.787%
57	24.992	3718	3728	3746	rBV2	371026	1238538	69.66%	9.363%
58	26.202	3927	3934	3943	rVB5	56766	170968	9.62%	1.292%

Sum of corrected areas: 13227911

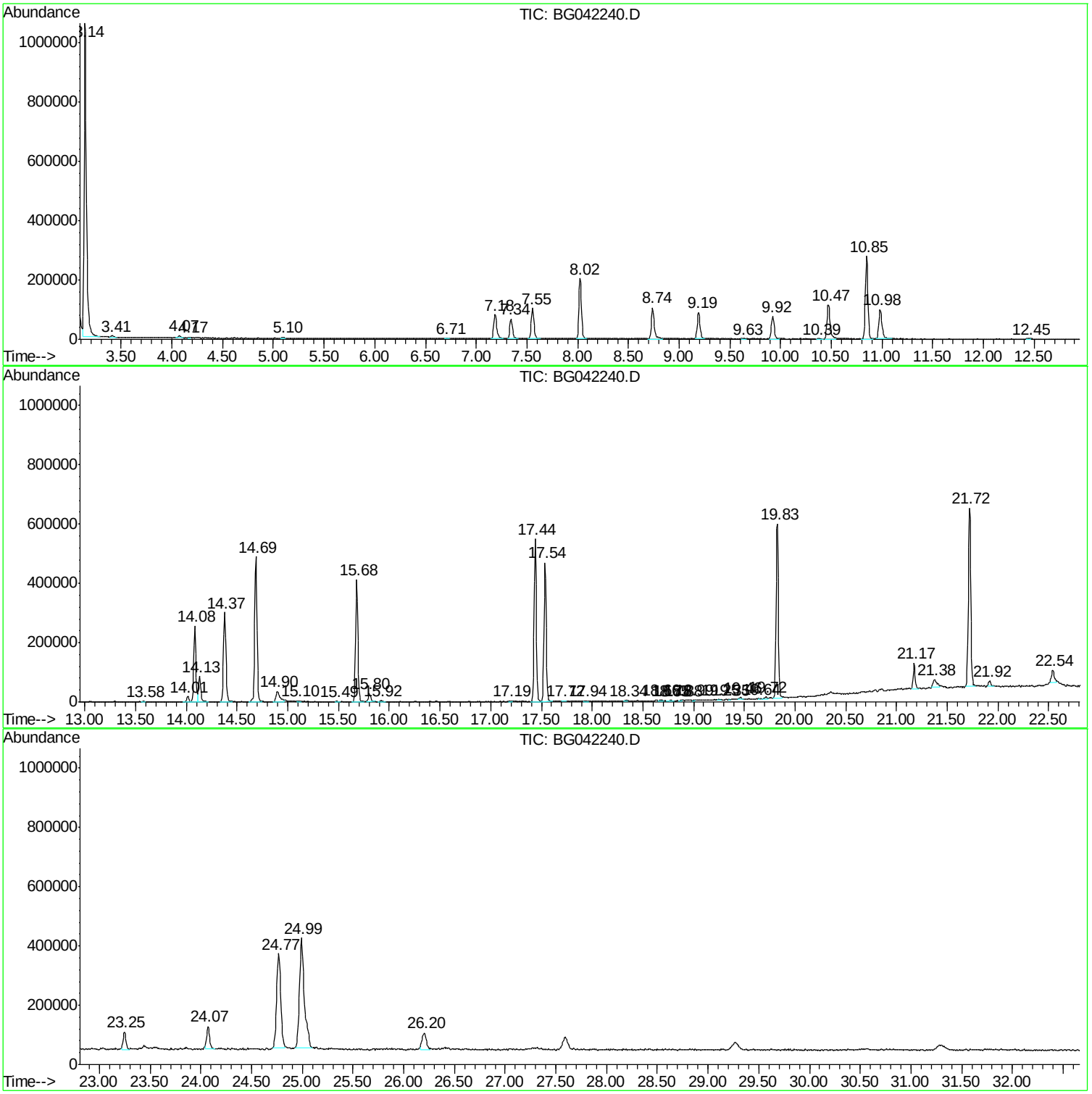
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081519\
Data File : BG042240.D
Acq On : 15 Aug 2019 22:07
Operator : HP/JU
Sample : K4183-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AH0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.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 G\DATA\BG081519\
Data File : BG042240.D
Acq On : 15 Aug 2019 22:07
Operator : HP/JU
Sample : K4183-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AH0

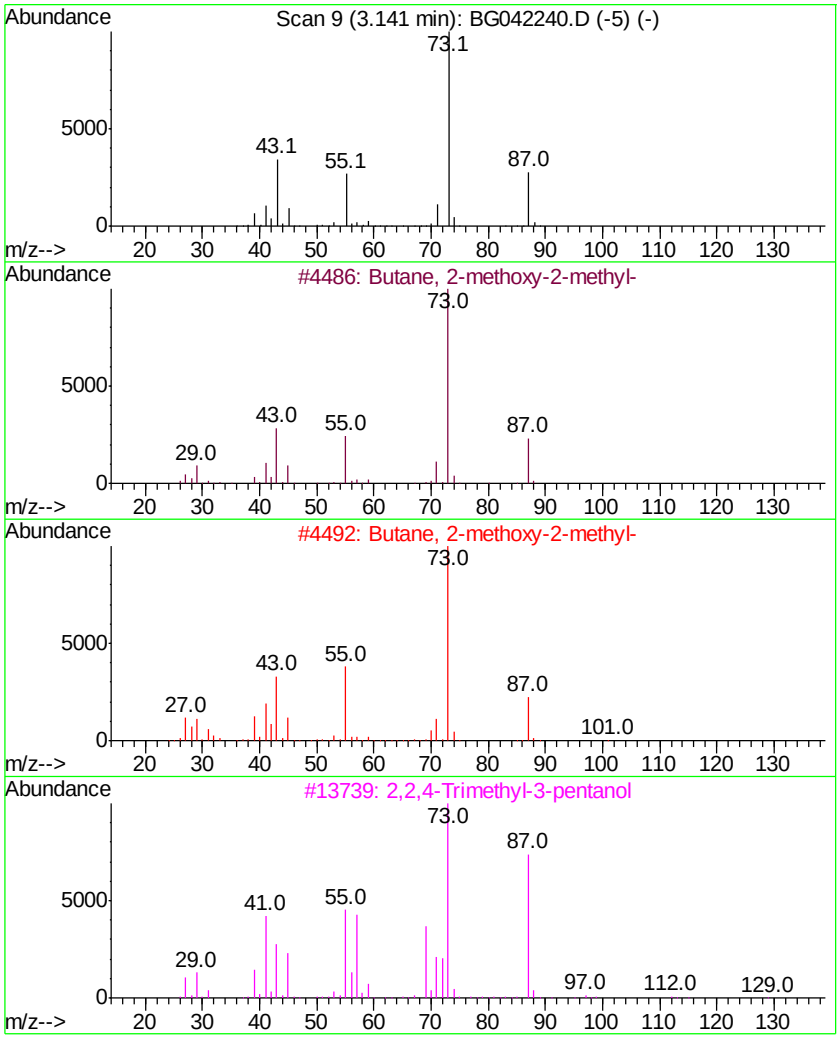
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

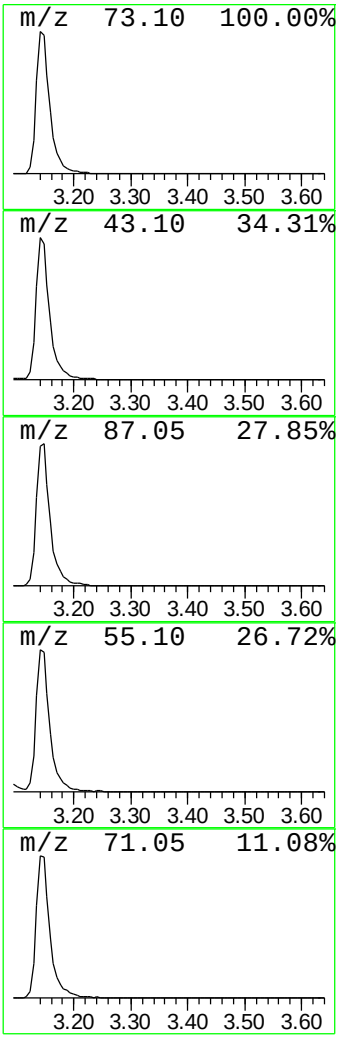
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.14	99.29 ng/ul	1777970	1,4-Dichlorobenzene-d4	8.02

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	40
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	22





Library Search Compound Report

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Operator : HP/JU
Sample : K4183-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AH0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

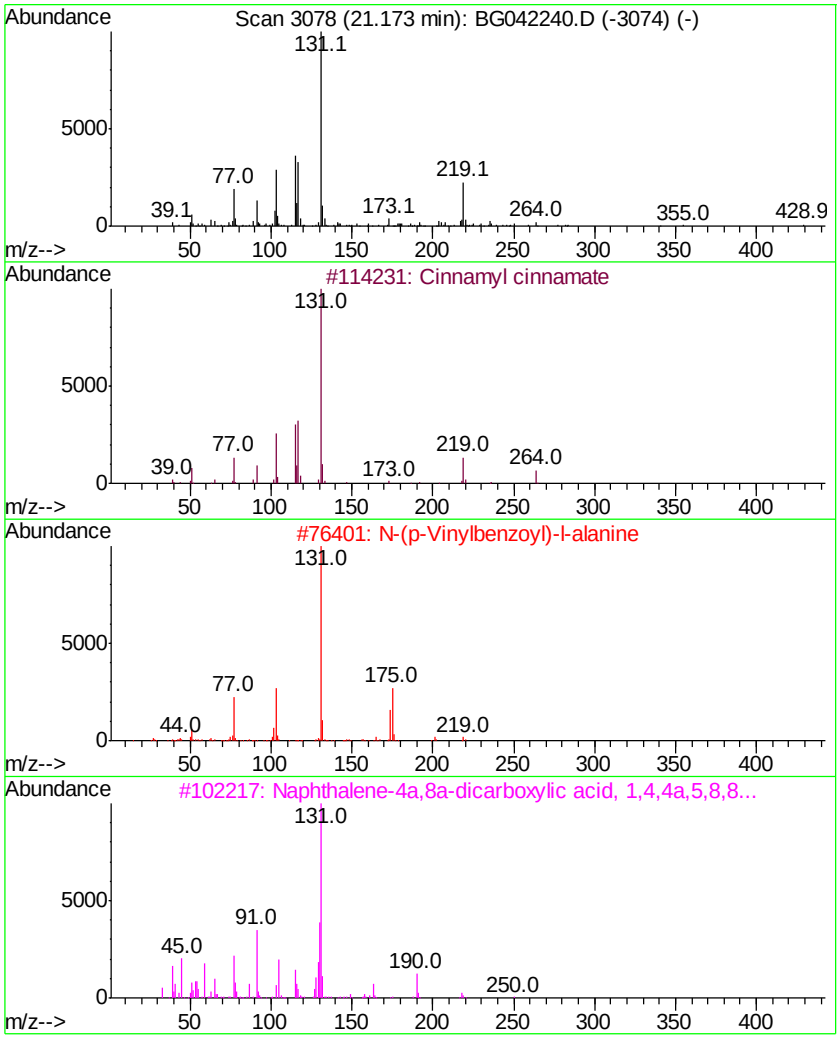
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

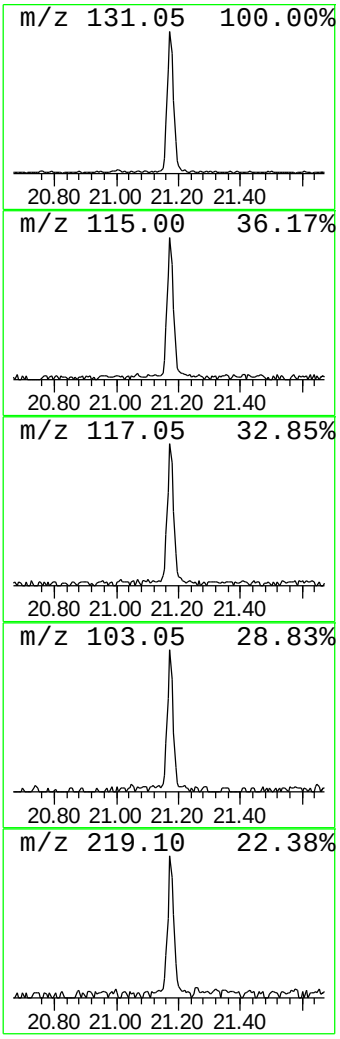
****

Peak Number 2 Cinnamyl cinnamate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.17	2.32 ng/ul	118630	Chrysene-d12	21.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cinnamyl cinnamate	264	C18H16O2	000122-69-0	80
2	N-(p-Vinylbenzoyl)-l-alanine	219	C12H13NO3	139184-60-4	50
3	Naphthalene-4a,8a-dicarboxylic a...	250	C14H18O4	007177-20-0	50
4	p-Vinylbenzohydrazide	162	C9H10N2O	1000244-74-9	47
5	2,2-Dimethyl-1-(2-vinylphenyl)pr...	188	C13H16O	1000210-99-9	47





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081519\
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Operator : HP/JU
Sample : K4183-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AH0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

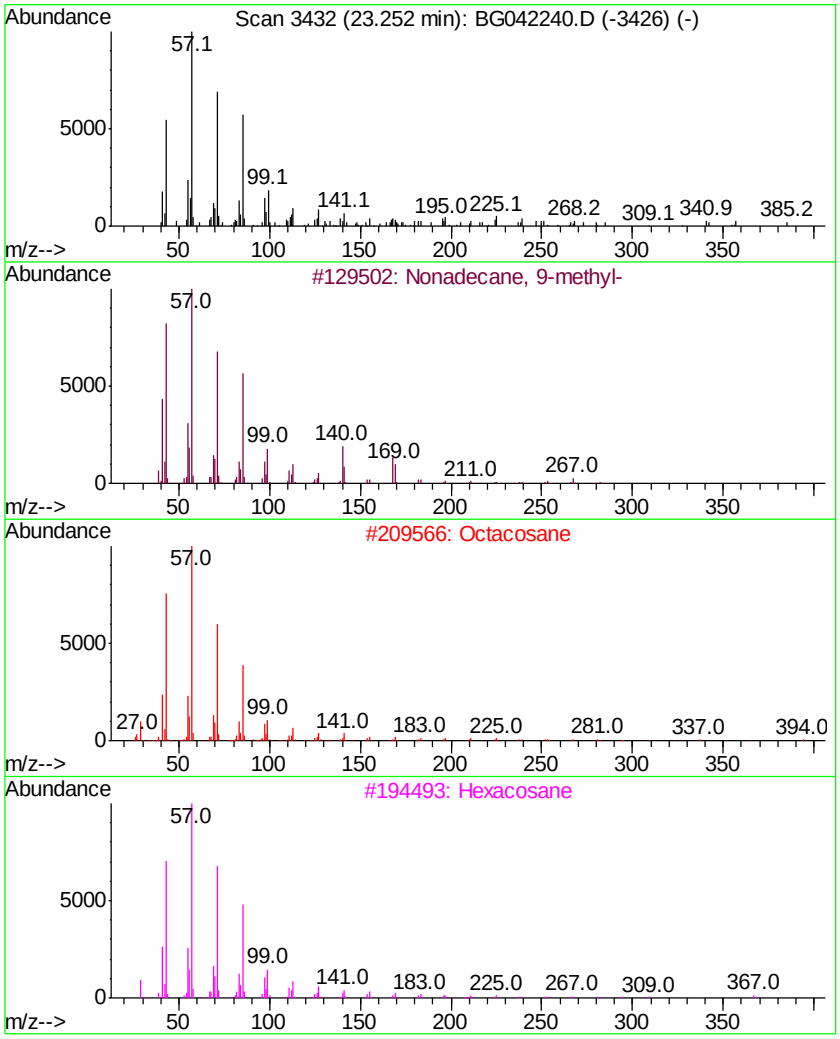
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

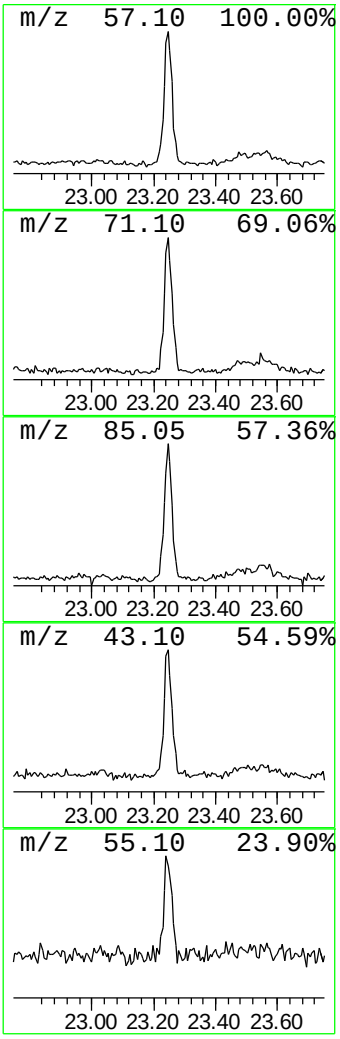
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.25	2.17 ng/ul	111009	Chrysene-d12	21.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	93
2	Octacosane	394	C28H58	000630-02-4	87
3	Hexacosane	366	C26H54	000630-01-3	87
4	Octadecane	254	C18H38	000593-45-3	87
5	Tetracosane	338	C24H50	000646-31-1	86





Library Search Compound Report

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Acq On : 15 Aug 2019 22:07
Operator : HP/JU
Sample : K4183-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AH0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

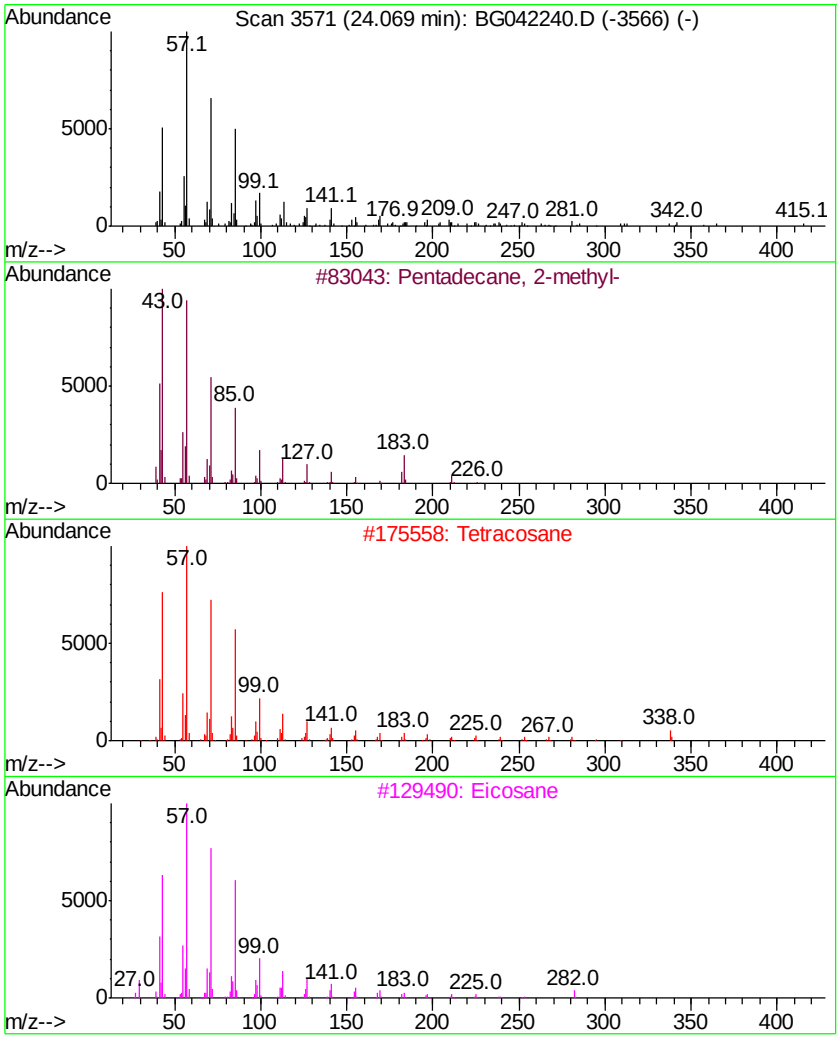
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

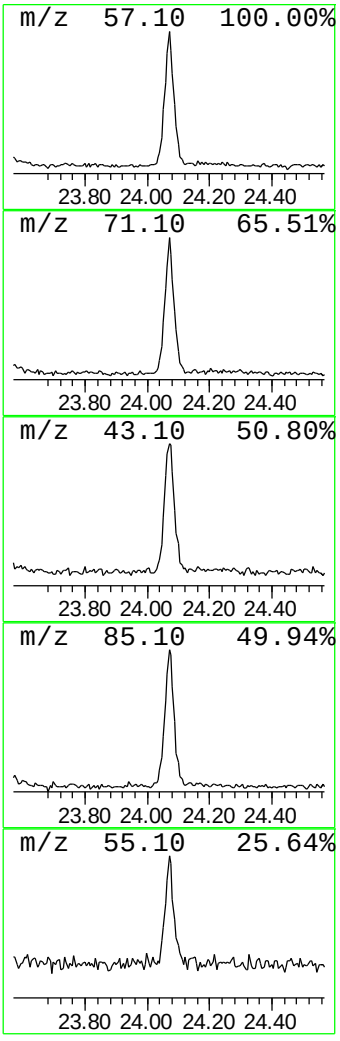
****

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.07	2.55 ng/ul	157970	Perylene-d12	24.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2-methyl-	226	C16H34	001560-93-6	93
2	Tetracosane	338	C24H50	000646-31-1	91
3	Eicosane	282	C20H42	000112-95-8	91
4	Triacontane	422	C30H62	000638-68-6	91
5	Pentacosane	352	C25H52	000629-99-2	91





Library Search Compound Report

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Misc :
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Instrument : BNA_G
ClientSampleId : C0AH0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

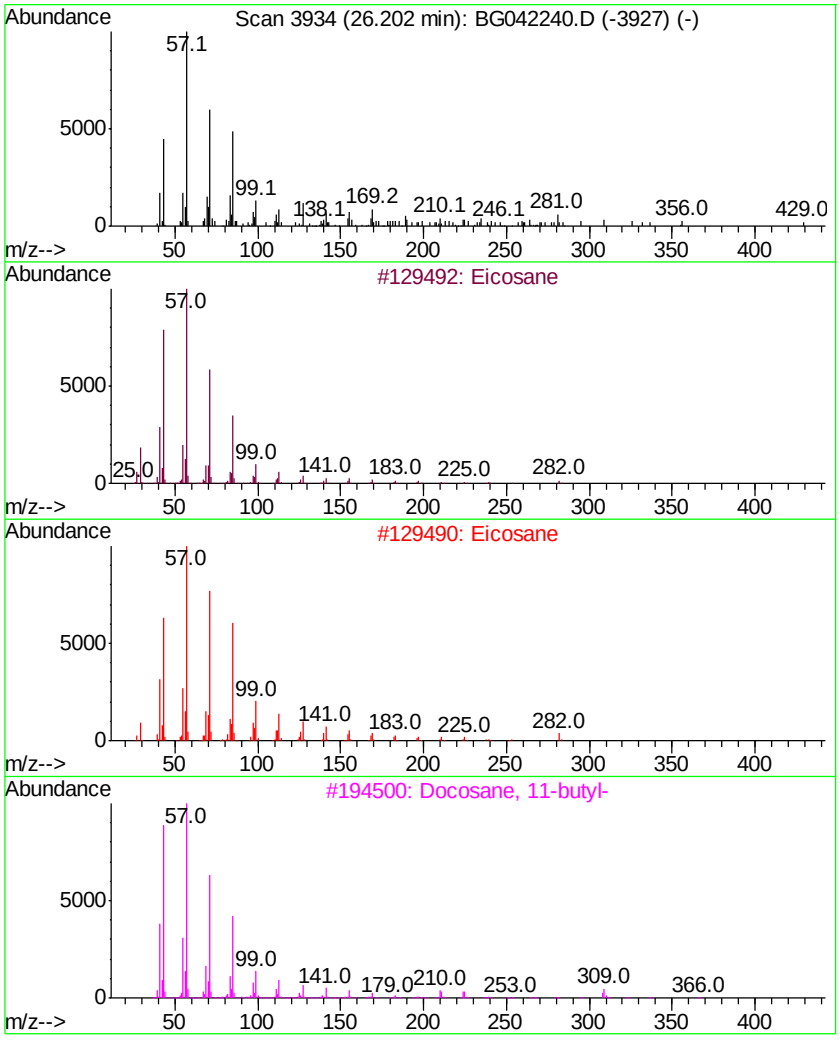
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

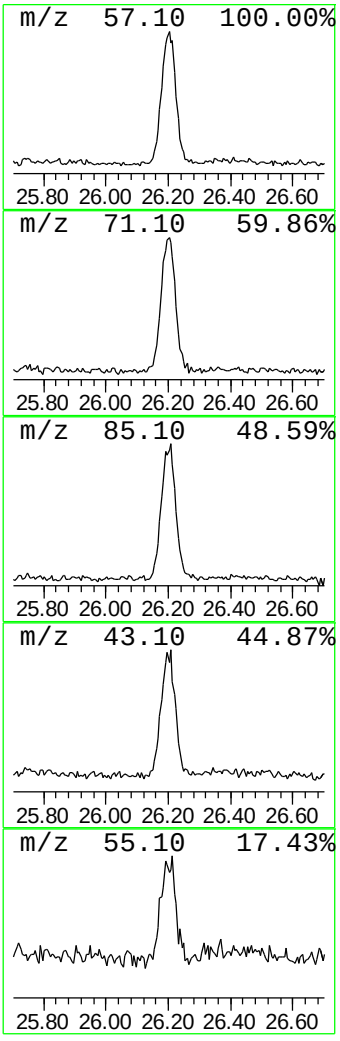
****

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.20	2.76 ng/ul	170968	Perylene-d12	24.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	91
2	Eicosane	282	C20H42	000112-95-8	89
3	Docosane, 11-butyl-	366	C26H54	013475-76-8	86
4	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	86
5	Octadecane	254	C18H38	000593-45-3	83





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG081519\
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Instrument : BNA_G
ClientSampleId : C0AH0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.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...	3.14	99.3	ng/ul	1777970	1	8.02	358131	20.0
Cinnamyl cinnamate	21.17	2.3	ng/ul	118630	5	21.72	1022270	20.0
(DEL) Alkane: Str...	23.25	2.2	ng/ul	111009	5	21.72	1022270	20.0
(DEL) Alkane: Str...	24.07	2.5	ng/ul	157970	6	24.99	1238540	20.0
(DEL) Alkane: Str...	26.20	2.8	ng/ul	170968	6	24.99	1238540	20.0