LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072621\
Data File : BG049515.D
Acq On : 27 Jul 2021 20:03
Operator : CG/JU
Sample : M3091-11
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0049

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\SFAM-EPA-BG072421.M
Title : SVOA CALIBRATION

Signal : TIC: BG049515.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.078	3	7	16	rBV	86122	167950	36.19%	2.876%
2	3.161	16	21	35	rVB	142494	234704	50.57%	4.019%
3	3.866	138	141	151	rBV2	15368	30763	6.63%	0.527%
4	4.670	277	278	282	rVB2	1901	1492	0.32%	0.026%
5	5.164	359	362	363	rBV	1817	1596	0.34%	0.027%
6	5.599	432	436	441	rVB4	1986	2873	0.62%	0.049%
7	5.663	443	447	451	rBV4	3446	5500	1.19%	0.094%
8	5.969	498	499	503	rVB2	1121	1361	0.29%	0.023%
9	6.045	506	512	515	rBV5	4343	6790	1.46%	0.116%
10	6.121	523	525	529	rBV2	1091	1356	0.29%	0.023%
11	6.209	538	540	543	rVB2	1350	1590	0.34%	0.027%
12	6.251	543	547	549	rBV2	1683	1881	0.41%	0.032%
13	6.515	590	592	595	rBV	1939	1923	0.41%	0.033%
14	6.632	610	612	614	rBV	1063	1341	0.29%	0.023%
15	6.797	638	640	644	rVB3	1225	1490	0.32%	0.026%
16	6.991	672	673	676	rBV	1039	1373	0.30%	0.024%
17	7.085	686	689	690	rBV	1488	1452	0.31%	0.025%
18	7.126	693	696	698	rVV	1557	2170	0.47%	0.037%
19	7.202	702	709	717	rVV2	60098	109903	23.68%	1.882%
20	7.367	731	737	744	rBV	36270	63395	13.66%	1.086%
21	7.425	745	747	752	rVB3	3191	2931	0.63%	0.050%
22	7.578	767	773	782	rVB	55643	98970	21.32%	1.695%
23	7.660	784	787	795	rVB6	6139	10465	2.25%	0.179%
24	8.048	846	853	868	rVB	88477	157849	34.01%	2.703%
25	8.172	868	874	875	rBV2	1743	2712	0.58%	0.046%
26	8.330	898	901	904	rBV	1416	1679	0.36%	0.029%
27	8.565	937	941	944	rBV3	1337	2267	0.49%	0.039%
28	8.594	944	946	949	rVB3	1576	1526	0.33%	0.026%
29	8.753	967	973	982	rBV	65969	115206	24.82%	1.973%
30	9.129	1035	1037	1040	rBV	914	1260	0.27%	0.022%
31	9.158	1040	1042	1044	rVV	1650	1625	0.35%	0.028%
32	9.217	1046	1052	1059	rVV	60141	109528	23.60%	1.876%
33	9.276	1059	1062	1068	rVB3	6862	10984	2.37%	0.188%
34	9.370	1075	1078	1079	rBV	1590	1323	0.29%	0.023%
35	9.481	1094	1097	1099	rBV	998	1413	0.30%	0.024%
36	9.946	1168	1176	1185	rBV3	54434	103299	22.26%	1.769%

LSC Area Percent Report

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Operator : CG/JU
Sample : M3091-11
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0049

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\SFAM-EPA-BG072421.M
Title : SVOA CALIBRATION

37	10.045	1189	1193	1194	rBV3	1187	1300	0.28%	0.022%
38	10.110	1202	1204	1206	rBV2	1484	1390	0.30%	0.024%
39	10.380	1248	1250	1252	rBV	1698	1622	0.35%	0.028%
40	10.439	1257	1260	1261	rBV	1315	1242	0.27%	0.021%
41	10.486	1262	1268	1276	rVB2	76154	136291	29.37%	2.334%
42	10.633	1286	1293	1299	rBV2	19614	36505	7.87%	0.625%
43	10.721	1306	1308	1309	rBV2	4162	2954	0.64%	0.051%
44	10.774	1315	1317	1320	rVB2	1457	1411	0.30%	0.024%
45	10.868	1322	1333	1340	rBV	130490	245459	52.89%	4.203%
46	11.003	1349	1356	1364	rBV3	63466	127439	27.46%	2.182%
47	11.097	1371	1372	1376	rVB3	1495	1389	0.30%	0.024%
48	11.256	1396	1399	1401	rBV2	1340	1550	0.33%	0.027%
49	11.491	1435	1439	1442	rBV	1062	1407	0.30%	0.024%
50	11.773	1484	1487	1493	rVB3	2202	3931	0.85%	0.067%
51	11.890	1498	1507	1513	rVB4	7289	15032	3.24%	0.257%
52	12.278	1567	1573	1578	rVV2	12933	21769	4.69%	0.373%
53	12.524	1610	1615	1621	rVB	13858	22315	4.81%	0.382%
54	12.742	1646	1652	1657	rBV	11287	14758	3.18%	0.253%
55	12.818	1660	1665	1670	rBV2	2336	3036	0.65%	0.052%
56	12.965	1686	1690	1692	rBV	1609	2140	0.46%	0.037%
57	13.012	1695	1698	1701	rBV2	1691	2047	0.44%	0.035%
58	13.047	1703	1704	1707	rBV2	1310	1261	0.27%	0.022%
59	13.083	1707	1710	1715	rVV2	2631	3968	0.85%	0.068%
60	13.223	1730	1734	1738	rVB3	4601	6805	1.47%	0.117%
61	13.294	1743	1746	1750	rBV2	1911	2917	0.63%	0.050%
62	13.464	1772	1775	1777	rBV	1579	1772	0.38%	0.030%
63	13.511	1778	1783	1790	rVB4	20419	33627	7.25%	0.576%
64	13.576	1790	1794	1798	rBV3	6086	10136	2.18%	0.174%
65	13.852	1838	1841	1842	rBV2	5724	5376	1.16%	0.092%
66	13.940	1853	1856	1858	rBV2	1104	1470	0.32%	0.025%
67	14.017	1864	1869	1874	rBV3	11795	20015	4.31%	0.343%
68	14.093	1874	1882	1890	rVV	158017	243082	52.37%	4.163%
69	14.210	1900	1902	1906	rBV3	1493	2141	0.46%	0.037%
70	14.252	1906	1909	1912	rVV3	5744	8325	1.79%	0.143%
71	14.287	1912	1915	1920	rVB3	2802	3523	0.76%	0.060%
72	14.392	1927	1933	1940	rVB	159577	256753	55.32%	4.397%
73	14.580	1961	1965	1970	rVB	22853	30319	6.53%	0.519%
74	14.698	1973	1985	1991	rBV	223890	361007	77.78%	6.182%
75	14.780	1996	1999	2004	rVB4	4388	4873	1.05%	0.083%
76	14.892	2013	2018	2028	rBV3	58112	107018	23.06%	1.833%

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Acq On : 27 Jul 2021 20:03
Operator : CG/JU
Sample : M3091-11
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0049

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_G\METHODS\SFAM-EPA-BG072421.M
Title : SVOA CALIBRATION

77	15.092	2048	2052	2058	rVB4	10450	19819	4.27%	0.339%
78	15.315	2086	2090	2095	rBV5	6380	8987	1.94%	0.154%
79	15.368	2095	2099	2102	rVB2	6999	8883	1.91%	0.152%
80	15.485	2115	2119	2122	rBV4	5486	8974	1.93%	0.154%
81	15.532	2123	2127	2132	rVB	28131	38069	8.20%	0.652%
82	15.691	2144	2154	2159	rBV	214855	331468	71.42%	5.676%
83	15.808	2169	2174	2179	rVB3	57048	83378	17.96%	1.428%
84	15.890	2186	2188	2189	rBV	2468	1820	0.39%	0.031%
85	16.184	2236	2238	2240	rBV2	4329	4180	0.90%	0.072%
86	16.331	2260	2263	2264	rBV3	2578	2795	0.60%	0.048%
87	16.396	2270	2274	2276	rBV2	28740	36322	7.83%	0.622%
88	16.901	2357	2360	2364	rBV5	4547	6465	1.39%	0.111%
89	17.189	2406	2409	2413	rVB3	32532	39048	8.41%	0.669%
90	17.236	2413	2417	2420	rBV4	5146	8159	1.76%	0.140%
91	17.447	2447	2453	2458	rBV	258884	405234	87.31%	6.939%
92	17.547	2464	2470	2476	rVB	230110	336877	72.58%	5.769%
93	17.929	2531	2535	2539	rBV2	28712	34413	7.41%	0.589%
94	18.328	2599	2603	2606	rBV3	28193	40921	8.82%	0.701%
95	18.510	2630	2634	2638	rBV3	17692	27540	5.93%	0.472%
96	18.622	2650	2653	2658	rVB3	28254	36130	7.78%	0.619%
97	18.822	2684	2687	2691	rVB3	14486	21517	4.64%	0.368%
98	19.832	2854	2859	2871	rVB	266526	440122	94.83%	7.537%
99	21.730	3176	3182	3194	rVB2	236566	464119	100.00%	7.948%
100	25.008	3733	3740	3751	rVB2	146960	421141	90.74%	7.212%

Sum of corrected areas: 5839696

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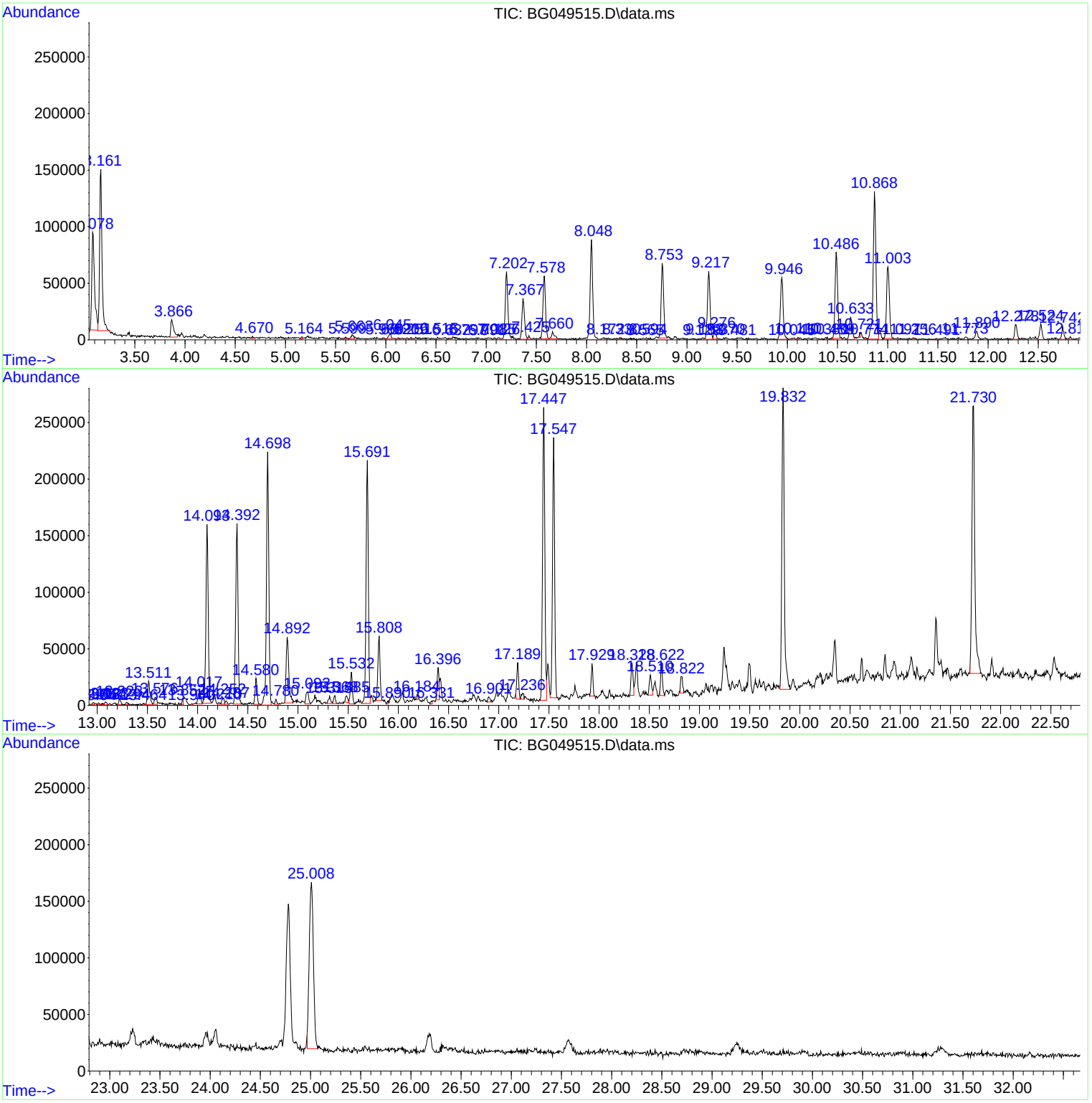
Sample : M3091-11
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0049

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072621\
Data File : BG049515.D
Acq On : 27 Jul 2021 20:03
Operator : CG/JU
Sample : M3091-11
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0049

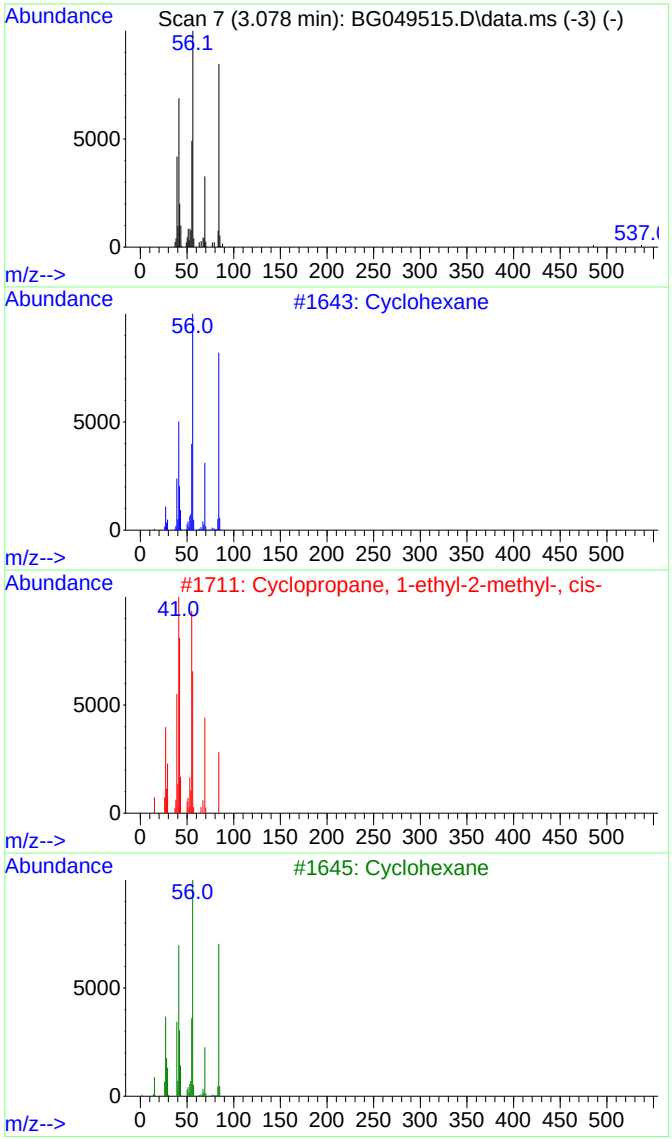
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
Quant Title : SVOA CALIBRATION

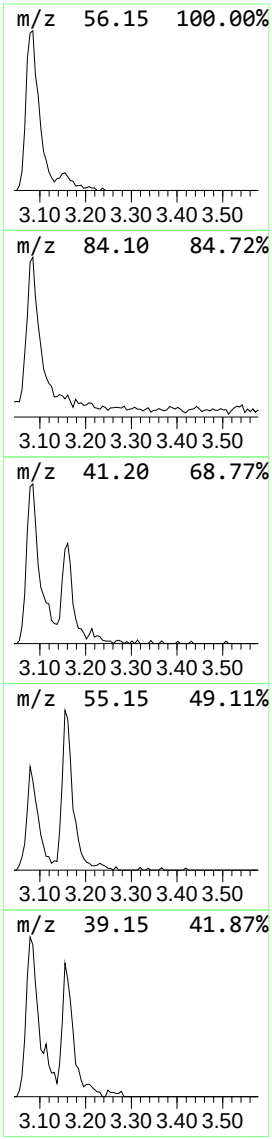
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Cyclic3.078 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.078	21.28 ng/ul	167950	1,4-Dichlorobenzene-d4	8.048

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane	84	C6H12	000110-82-7	81
2	Cyclopropane, 1-ethyl-2-methyl-,...	84	C6H12	019781-68-1	64
3	Cyclohexane	84	C6H12	000110-82-7	62
4	Cyclohexane	84	C6H12	000110-82-7	58
5	1-Hexene	84	C6H12	000592-41-6	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072621\
Data File : BG049515.D
Acq On : 27 Jul 2021 20:03
Operator : CG/JU
Sample : M3091-11
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0049

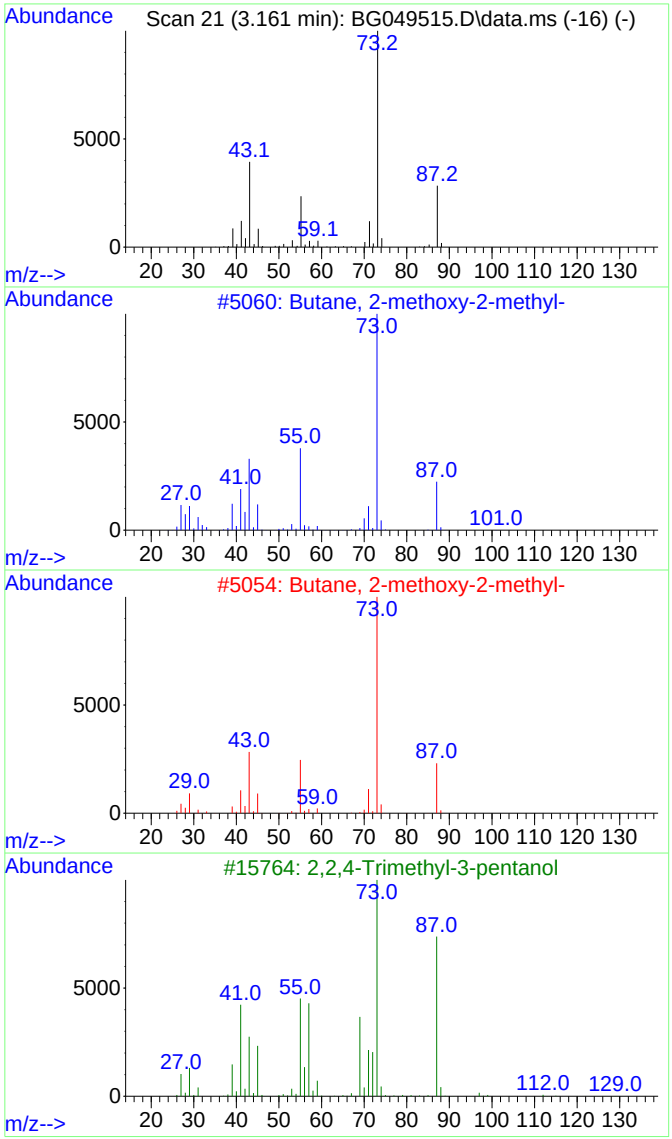
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
Quant Title : SVOA CALIBRATION

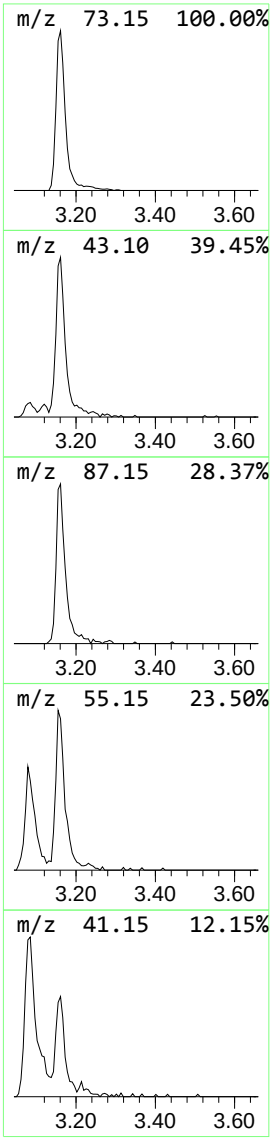
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.161	29.74 ng/ul	234704	1,4-Dichlorobenzene-d4	8.048

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	78
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	56
4	Silane, ethyltrimethyl-	102	C5H14Si	003439-38-1	33
5	1,3-Dioxolane, 2-propyl-	116	C6H12O2	003390-13-4	32





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072621\
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Instrument : BNA_G
ClientSampleId : C0049

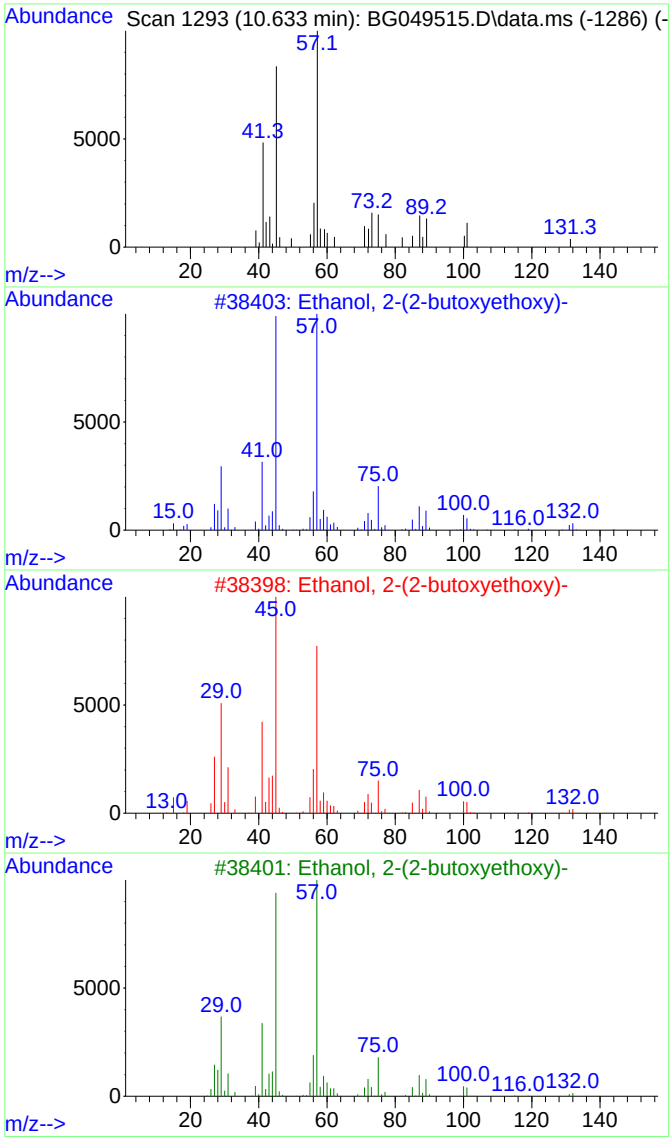
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
Quant Title : SVOA CALIBRATION

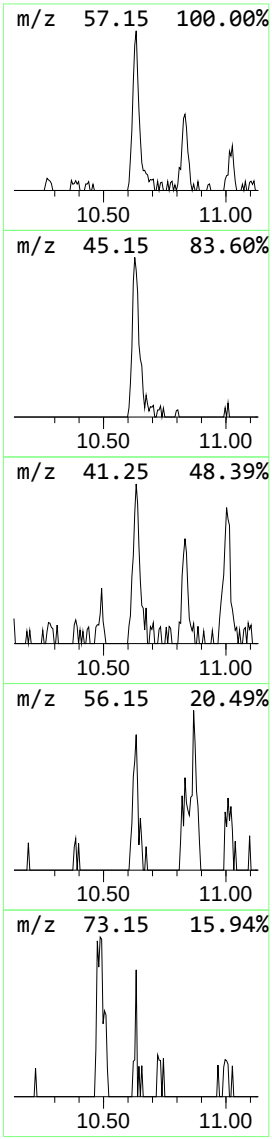
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.633	2.97 ng/ul	36505	Naphthalene-d8	10.868

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	59
2	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	59
3	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	59
4	Ethanol, 2-[2-(2-butoxyethoxy)et...	206	C10H22O4	000143-22-6	53
5	Ethanol, 2-[2-(2-butoxyethoxy)et...	206	C10H22O4	000143-22-6	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072621\
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Acq On : 27 Jul 2021 20:03
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Sample : M3091-11
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0049

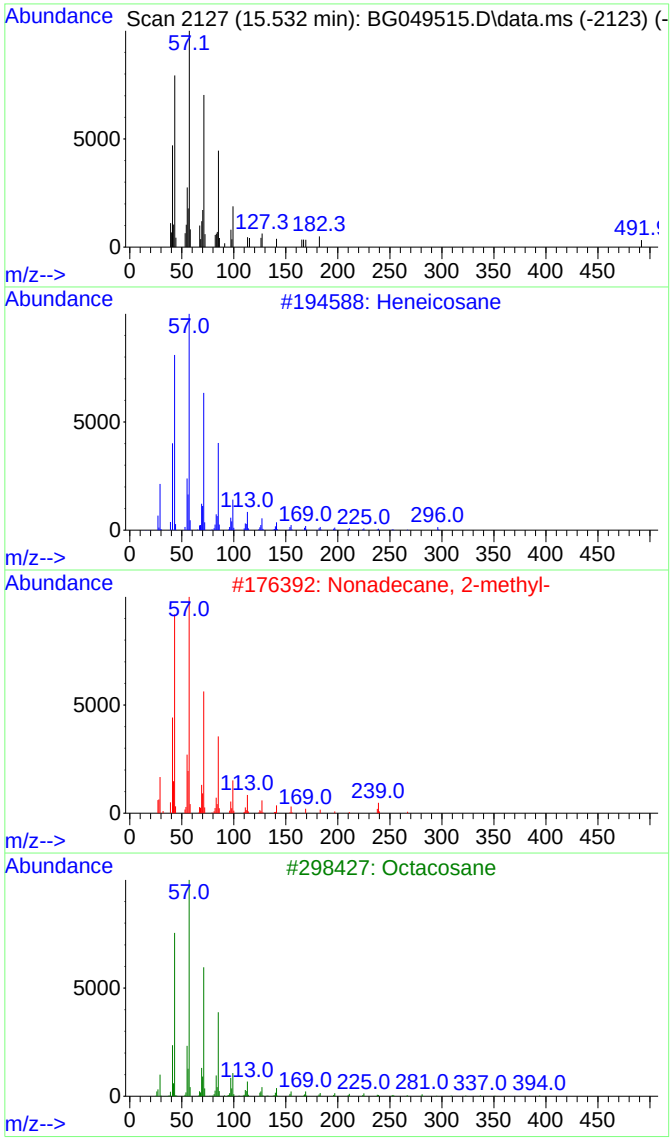
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
Quant Title : SVOA CALIBRATION

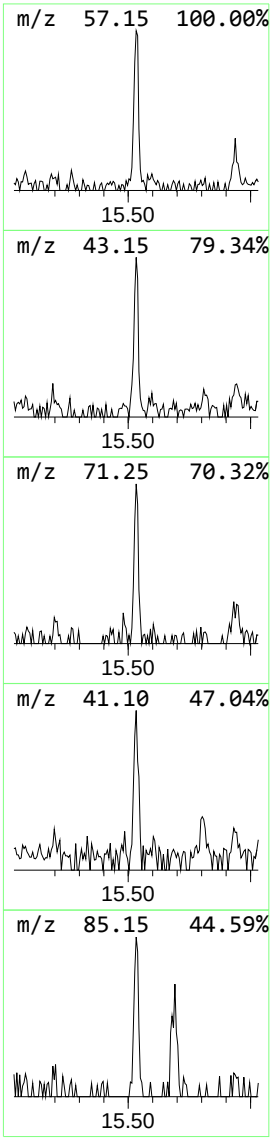
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.532	2.11 ng/ul	38069	Acenaphthene-d10	14.698

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	80
2	Nonadecane, 2-methyl-	282	C20H42	001560-86-7	80
3	Octacosane	394	C28H58	000630-02-4	80
4	Octadecane	254	C18H38	000593-45-3	80
5	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072621\
Data File : BG049515.D
Acq On : 27 Jul 2021 20:03
Operator : CG/JU
Sample : M3091-11
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0049

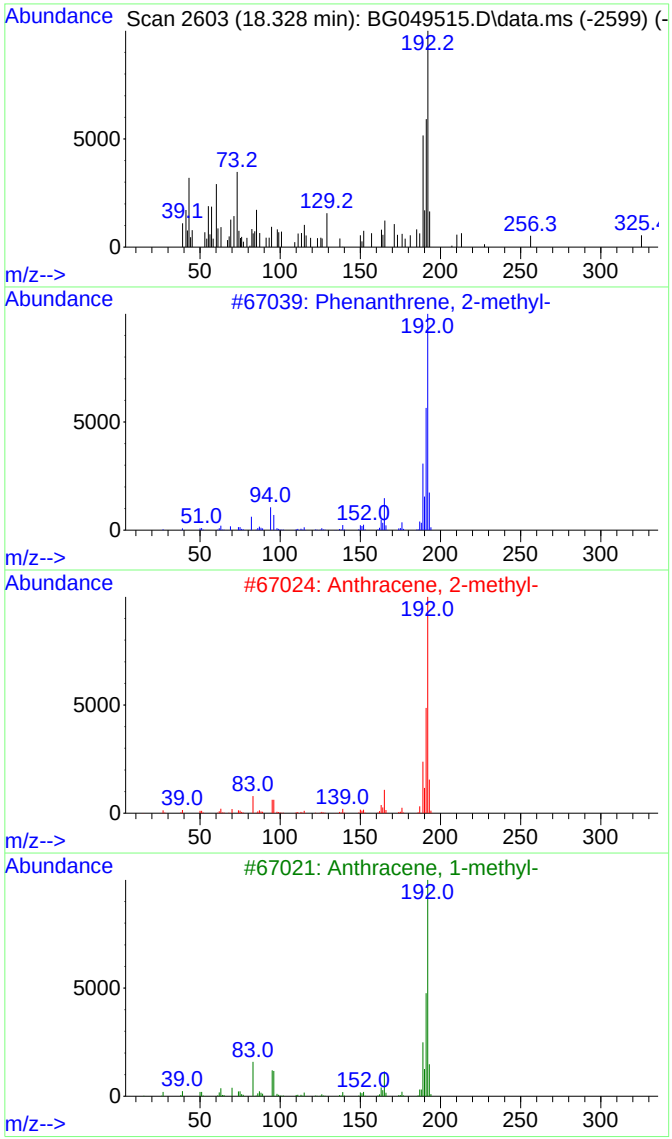
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
Quant Title : SVOA CALIBRATION

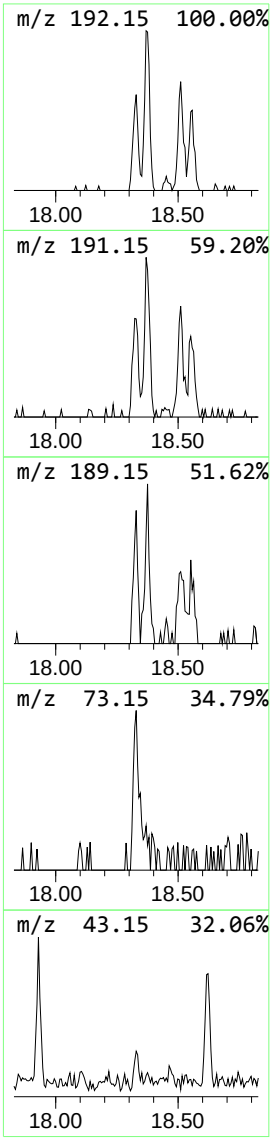
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Phenanthrene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.328	2.02 ng/ul	40921	Phenanthrene-d10	17.447

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	55
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	55
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	55
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	55
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	55





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072621\
Data File : BG049515.D
Acq On : 27 Jul 2021 20:03
Operator : CG/JU
Sample : M3091-11
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0049

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: C...	3.078	21.3	ng/ul	167950	1	8.048	157849	20.0
Butane, 2-metho...	3.161	29.7	ng/ul	234704	1	8.048	157849	20.0
Ethanol, 2-(2-b...	10.633	3.0	ng/ul	36505	2	10.868	245459	20.0
(DEL) Alkane: S...	15.532	2.1	ng/ul	38069	3	14.698	361007	20.0
Phenanthrene, 2...	18.328	2.0	ng/ul	40921	4	17.447	405234	20.0