LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120621\
Data File : BG051406.D
Acq On : 8 Dec 2021 13:14
Operator : CG/JU
Sample : M4960-05
Misc :
ALS Vial : 64 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BGKS0

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-BG112321.M
Title : SVOA CALIBRATION

Signal : TIC: BG051406.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.530	3	7	13	rVB2	6379	10368	1.59%	0.112%
2	3.959	76	80	92	rBV	70180	134027	20.59%	1.447%
3	4.188	114	119	126	rVB5	2324	6161	0.95%	0.067%
4	6.097	439	444	451	rVB6	3349	7619	1.17%	0.082%
5	6.691	542	545	550	rVB3	4843	6452	0.99%	0.070%
6	6.791	557	562	568	rVB4	7028	15308	2.35%	0.165%
7	7.137	612	621	626	rVB4	5693	11656	1.79%	0.126%
8	7.308	643	650	651	rBV3	5573	8214	1.26%	0.089%
9	7.355	653	658	670	rVV	107864	204587	31.44%	2.209%
10	7.502	677	683	690	rVV	81376	142134	21.84%	1.535%
11	7.584	691	697	704	rVV	24130	47535	7.30%	0.513%
12	7.649	704	708	712	rVV4	3293	5695	0.88%	0.061%
13	7.719	713	720	728	rVV	105278	191616	29.44%	2.069%
14	7.819	731	737	743	rBV3	4313	7251	1.11%	0.078%
15	8.072	770	780	784	rBV6	3702	10201	1.57%	0.110%
16	8.130	784	790	794	rVV	10842	16827	2.59%	0.182%
17	8.189	794	800	812	rVB	93161	165721	25.46%	1.789%
18	8.342	822	826	830	rBV4	4009	6197	0.95%	0.067%
19	8.412	830	838	841	rVV6	7325	16046	2.47%	0.173%
20	8.442	841	843	851	rVB4	5605	11006	1.69%	0.119%
21	8.735	889	893	903	rVB5	3964	7875	1.21%	0.085%
22	8.824	903	908	916	rBV6	3594	8687	1.33%	0.094%
23	8.906	916	922	936	rBV2	128400	238119	36.59%	2.571%
24	9.018	936	941	947	rBV8	6452	12024	1.85%	0.130%
25	9.282	981	986	991	rVB3	4216	6926	1.06%	0.075%
26	9.370	993	1001	1008	rBV	101805	192878	29.64%	2.082%
27	9.499	1016	1023	1026	rBV4	3265	7462	1.15%	0.081%
28	9.811	1070	1076	1081	rBV3	4511	8818	1.35%	0.095%
29	10.093	1117	1124	1135	rVV	91063	170655	26.22%	1.843%
30	10.645	1211	1218	1231	rBV	128248	240298	36.92%	2.594%
31	10.763	1233	1238	1242	rBV2	4838	9026	1.39%	0.097%
32	11.015	1273	1281	1286	rVV	130470	243029	37.34%	2.624%
33	11.068	1286	1290	1296	rVV	45061	75898	11.66%	0.819%
34	11.156	1296	1305	1318	rVB3	120621	300168	46.12%	3.241%
35	11.855	1420	1424	1431	rVV2	11616	22556	3.47%	0.244%
36	11.985	1439	1446	1453	rBV4	6489	12897	1.98%	0.139%

LSC Area Percent Report

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Acq On : 8 Dec 2021 13:14
Operator : CG/JU
Sample : M4960-05
Misc :
ALS Vial : 64 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BGKS0

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-BG112321.M
Title : SVOA CALIBRATION

37	12.378	1509	1513	1520	rVB6	4627	7289	1.12%	0.079%
38	12.590	1544	1549	1554	rBV4	3386	6538	1.00%	0.071%
39	12.660	1556	1561	1568	rBV2	17667	34633	5.32%	0.374%
40	12.784	1577	1582	1586	rVB3	5051	7136	1.10%	0.077%
41	12.878	1591	1598	1606	rVB	21750	40141	6.17%	0.433%
42	13.265	1658	1664	1669	rBV5	3336	7032	1.08%	0.076%
43	13.318	1669	1673	1680	rVB5	6713	10383	1.60%	0.112%
44	13.606	1713	1722	1727	rBV4	7317	13925	2.14%	0.150%
45	13.659	1727	1731	1734	rVV2	5846	7052	1.08%	0.076%
46	13.747	1741	1746	1752	rBV7	4574	9733	1.50%	0.105%
47	13.988	1778	1787	1795	rBV6	7364	18159	2.79%	0.196%
48	14.141	1807	1813	1817	rVV3	14742	26818	4.12%	0.290%
49	14.217	1817	1826	1831	rVV	224754	360389	55.38%	3.891%
50	14.258	1831	1833	1838	rVB4	9406	11071	1.70%	0.120%
51	14.376	1849	1853	1859	rBV3	7298	11971	1.84%	0.129%
52	14.435	1859	1863	1867	rBV5	4576	7515	1.15%	0.081%
53	14.517	1871	1877	1887	rVB	265568	439895	67.59%	4.750%
54	14.740	1909	1915	1918	rBV3	4801	8553	1.31%	0.092%
55	14.822	1918	1929	1936	rVB	213521	340510	52.32%	3.676%
56	14.893	1936	1941	1946	rVB3	7123	12720	1.95%	0.137%
57	15.057	1963	1969	1985	rVV	58524	138718	21.32%	1.498%
58	15.169	1985	1988	1991	rVV5	3558	6077	0.93%	0.066%
59	15.216	1993	1996	2003	rVV5	9910	19923	3.06%	0.215%
60	15.287	2003	2008	2014	rVB7	6187	9769	1.50%	0.105%
61	15.428	2028	2032	2038	rBV6	6452	13339	2.05%	0.144%
62	15.575	2052	2057	2061	rBV2	34710	56131	8.63%	0.606%
63	15.616	2061	2064	2070	rVB2	25284	42651	6.55%	0.461%
64	15.727	2079	2083	2088	rVB4	5137	7620	1.17%	0.082%
65	15.810	2090	2097	2104	rBV2	378043	641974	98.65%	6.931%
66	15.951	2116	2121	2131	rVV2	52146	103689	15.93%	1.120%
67	16.021	2131	2133	2138	rVV3	9759	15261	2.35%	0.165%
68	16.074	2138	2142	2145	rVB5	6952	10946	1.68%	0.118%
69	16.244	2167	2171	2173	rBV4	5138	6810	1.05%	0.074%
70	16.421	2197	2201	2205	rBV6	3657	5923	0.91%	0.064%
71	16.503	2207	2215	2219	rBV4	13847	27709	4.26%	0.299%
72	16.626	2230	2236	2240	rBV3	14214	26137	4.02%	0.282%
73	16.679	2240	2245	2252	rVB5	20072	42800	6.58%	0.462%
74	16.750	2252	2257	2261	rBV4	16214	31401	4.83%	0.339%
75	16.797	2261	2265	2268	rVB5	7992	12783	1.96%	0.138%
76	16.949	2289	2291	2298	rVB8	6847	8549	1.31%	0.092%

LSC Area Percent Report

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Acq On : 8 Dec 2021 13:14
Operator : CG/JU
Sample : M4960-05
Misc :
ALS Vial : 64 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGKS0

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
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Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Title : SVOA CALIBRATION

77	17.014	2298	2302	2306	rBV	11025	14775	2.27%	0.160%
78	17.278	2343	2347	2350	rBV3	7300	8047	1.24%	0.087%
79	17.325	2352	2355	2359	rBV3	8147	10025	1.54%	0.108%
80	17.437	2370	2374	2380	rVB6	12476	19366	2.98%	0.209%
81	17.572	2391	2397	2403	rBV	265945	409040	62.85%	4.416%
82	17.672	2408	2414	2420	rVB	373846	560186	86.08%	6.048%
83	17.754	2424	2428	2434	rVB8	8256	12727	1.96%	0.137%
84	17.854	2440	2445	2451	rBV	17874	32146	4.94%	0.347%
85	18.019	2470	2473	2478	rVB5	7970	10068	1.55%	0.109%
86	18.201	2500	2504	2509	rVB6	8808	12508	1.92%	0.135%
87	19.323	2692	2695	2698	rBV5	8477	10654	1.64%	0.115%
88	19.535	2726	2731	2735	rVB5	16821	27812	4.27%	0.300%
89	19.587	2738	2740	2743	rVB3	8065	7725	1.19%	0.083%
90	19.664	2749	2753	2757	rBV	13476	22587	3.47%	0.244%
91	19.952	2796	2802	2811	rBV	444592	650783	100.00%	7.026%
92	20.839	2949	2953	2957	rVB3	38367	54131	8.32%	0.584%
93	21.191	3009	3013	3017	rVB4	12466	18786	2.89%	0.203%
94	21.450	3054	3057	3068	rVB7	19835	43678	6.71%	0.472%
95	21.709	3096	3101	3110	rVB	421227	610507	93.81%	6.592%
96	21.873	3123	3129	3137	rVB	236534	401341	61.67%	4.333%
97	22.978	3312	3317	3324	rBV	25364	55640	8.55%	0.601%
98	24.605	3589	3594	3609	rVB	22417	82227	12.64%	0.888%
99	25.040	3659	3668	3681	rVB2	201292	595136	91.45%	6.426%
100	25.269	3700	3707	3721	rVB2	130316	400379	61.52%	4.323%

Sum of corrected areas: 9261884

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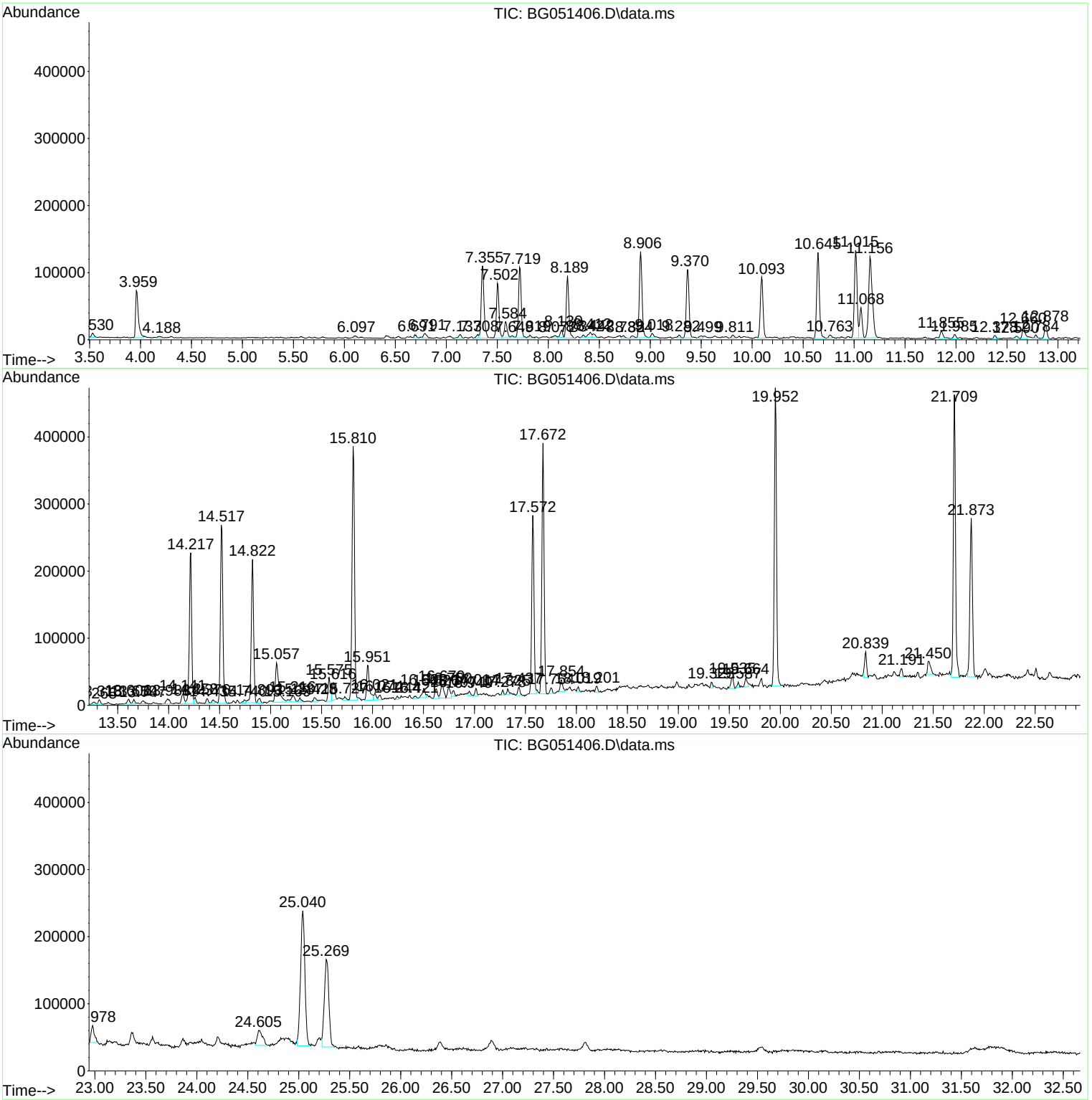
Misc :
ALS Vial : 64 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGKS0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120621\
Data File : BG051406.D
Acq On : 8 Dec 2021 13:14
Operator : CG/JU
Sample : M4960-05
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ALS Vial : 64 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGKS0

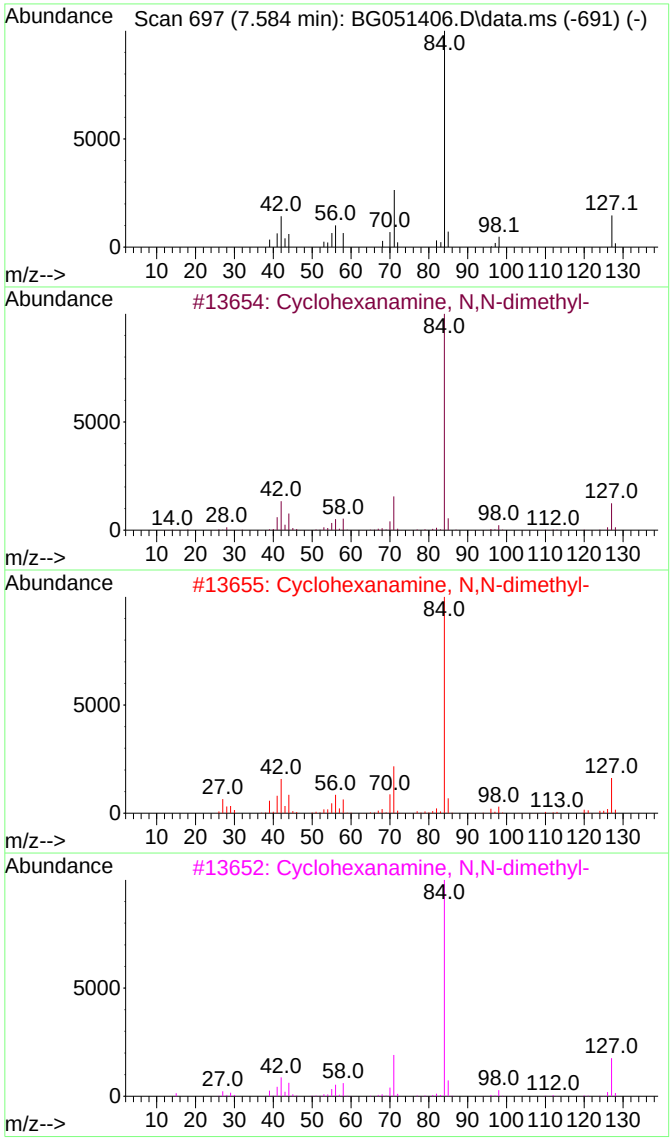
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION

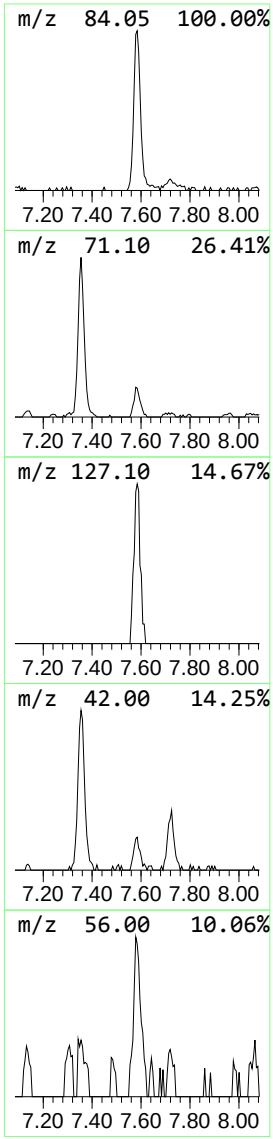
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Cyclohexanamine, N,N-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.584	5.74 ng/ul	47535	1,4-Dichlorobenzene-d4	8.189

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanamine, N,N-dimethyl-	127	C8H17N	000098-94-2	87
2	Cyclohexanamine, N,N-dimethyl-	127	C8H17N	000098-94-2	86
3	Cyclohexanamine, N,N-dimethyl-	127	C8H17N	000098-94-2	80
4	Cyclohexylamine, N-ethyl-	127	C8H17N	005459-93-8	72
5	Cyclohexylamine, N-ethyl-	127	C8H17N	005459-93-8	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120621\
Data File : BG051406.D
Acq On : 8 Dec 2021 13:14
Operator : CG/JU
Sample : M4960-05
Misc :
ALS Vial : 64 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGKS0

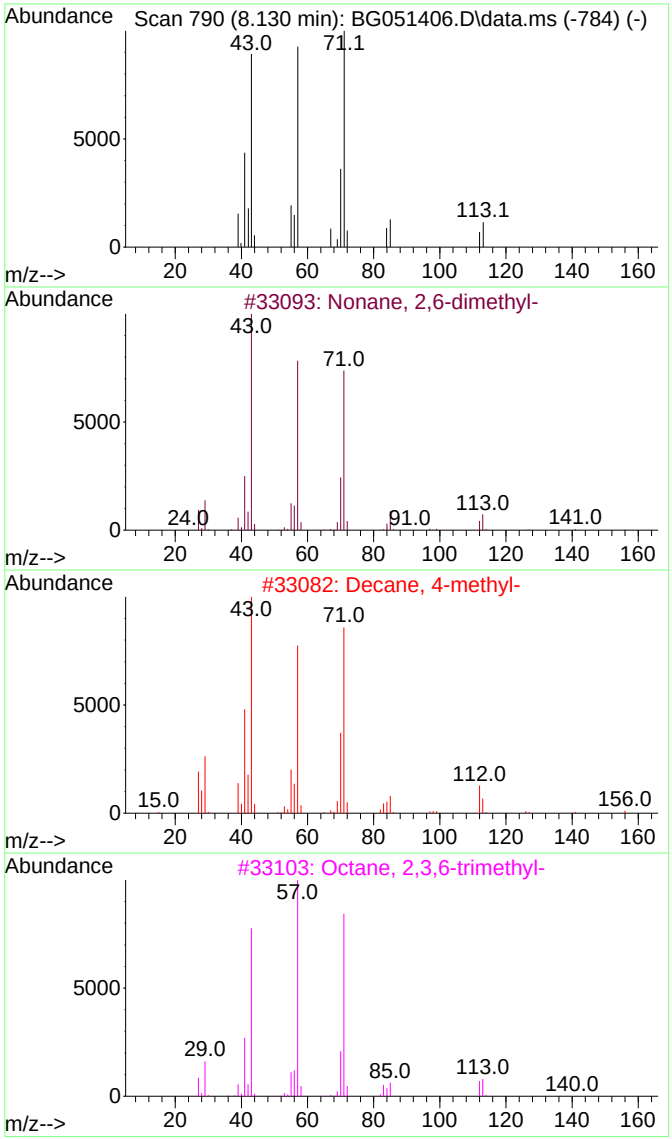
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION

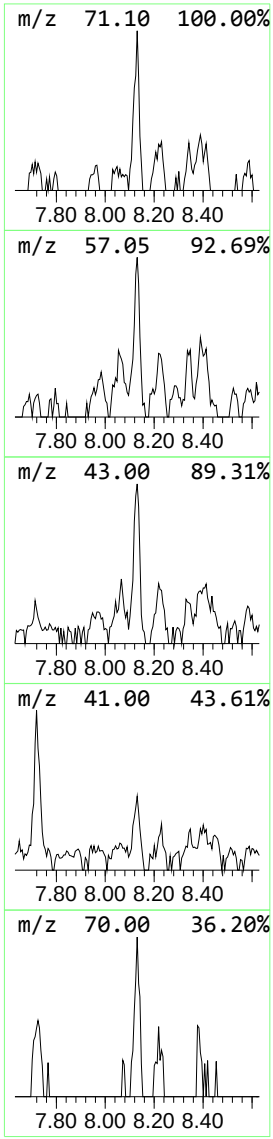
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.130	2.03 ng/ul	16827	1,4-Dichlorobenzene-d4	8.189

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	83
2	Decane, 4-methyl-	156	C11H24	002847-72-5	83
3	Octane, 2,3,6-trimethyl-	156	C11H24	062016-33-5	83
4	Heptane, 2,5,5-trimethyl-	142	C10H22	001189-99-7	78
5	Decane, 4-methyl-	156	C11H24	002847-72-5	78





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120621\
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Acq On : 8 Dec 2021 13:14
Operator : CG/JU
Sample : M4960-05
Misc :
ALS Vial : 64 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGKS0

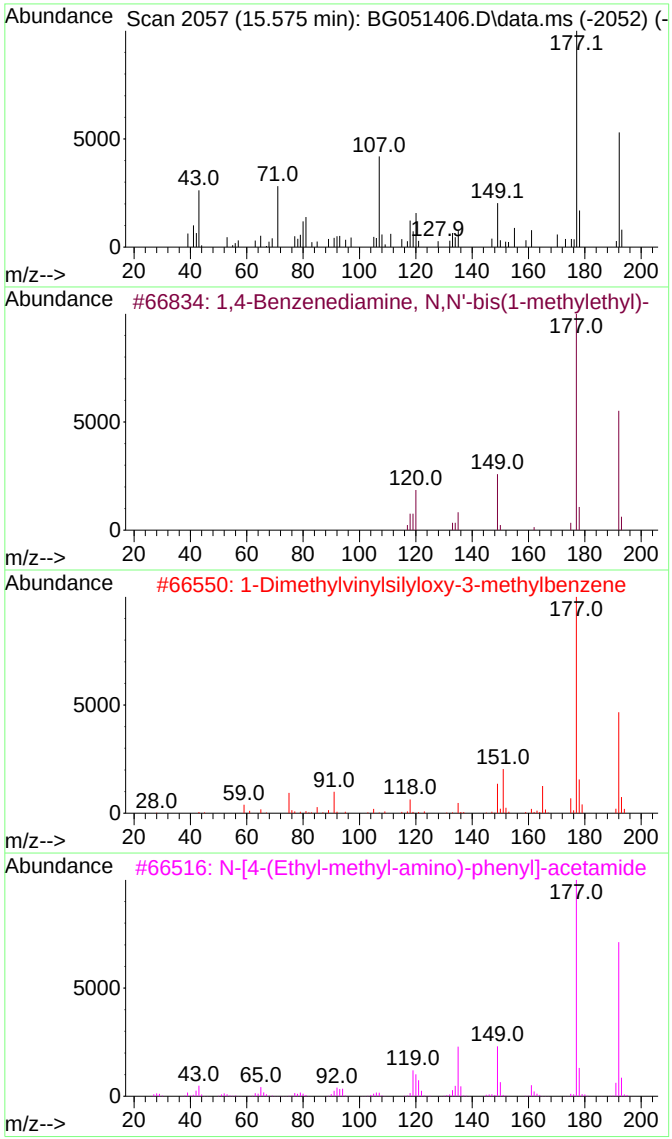
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION

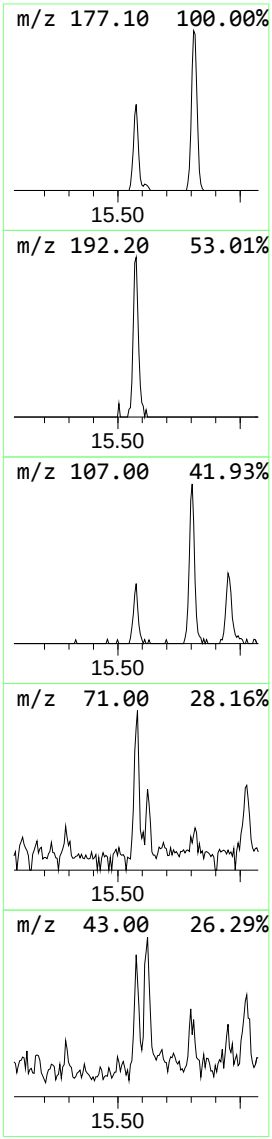
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 1,4-Benzenediamine, N,N'-bi... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.575	3.30 ng/ul	56131	Acenaphthene-d10	14.823

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Benzenediamine, N,N'-bis(1-m...	192	C12H20N2	004251-01-8	95
2	1-Dimethylvinylsilyloxy-3-methyl...	192	C11H16OSi	1000307-91-6	58
3	N-[4-(Ethyl-methyl-amino)-phenyl...	192	C11H16N2O	099981-45-0	58
4	5-(4,5-Dihydro-3H-pyrrol-2-ylmet...	192	C11H16N2O	051430-87-6	53
5	5-Ethyl-3,4-dimethyl-1H-pyrano[2...	192	C10H12N2O2	1000296-60-7	49





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120621\
Data File : BG051406.D
Acq On : 8 Dec 2021 13:14
Operator : CG/JU
Sample : M4960-05
Misc :
ALS Vial : 64 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGKS0

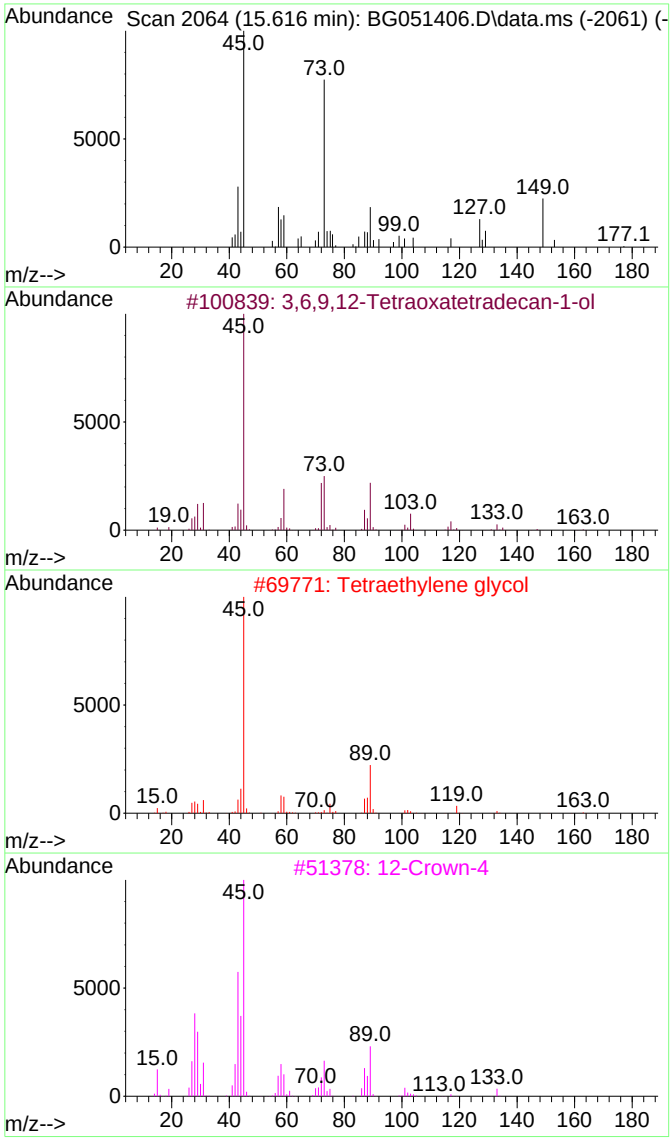
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION

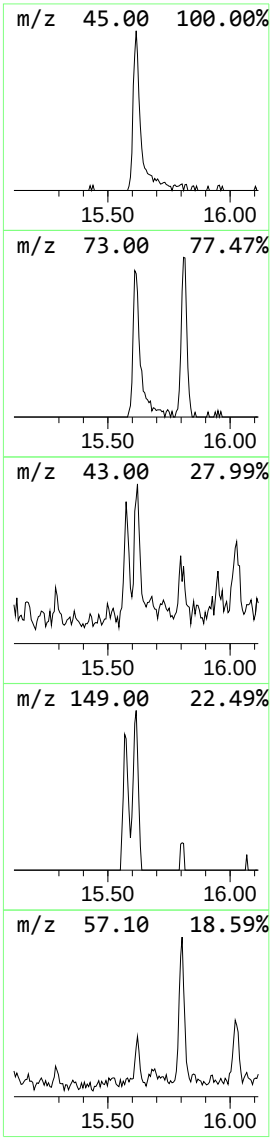
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 3,6,9,12-Tetraoxatetradecan... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.616	2.51 ng/ul	42651	Acenaphthene-d10	14.823

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,6,9,12-Tetraoxatetradecan-1-ol	222	C10H22O5	005650-20-4	53
2	Tetraethylene glycol	194	C8H18O5	000112-60-7	47
3	12-Crown-4	176	C8H16O4	000294-93-9	40
4	2-[2-[2-[2-[2-[2-[2-[2-[2-(2-...	502	C22H46O12	006809-70-7	40
5	Pentaethylene glycol monododecyl...	406	C22H46O6	003055-95-6	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120621\
Data File : BG051406.D
Acq On : 8 Dec 2021 13:14
Operator : CG/JU
Sample : M4960-05
Misc :
ALS Vial : 64 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGKS0

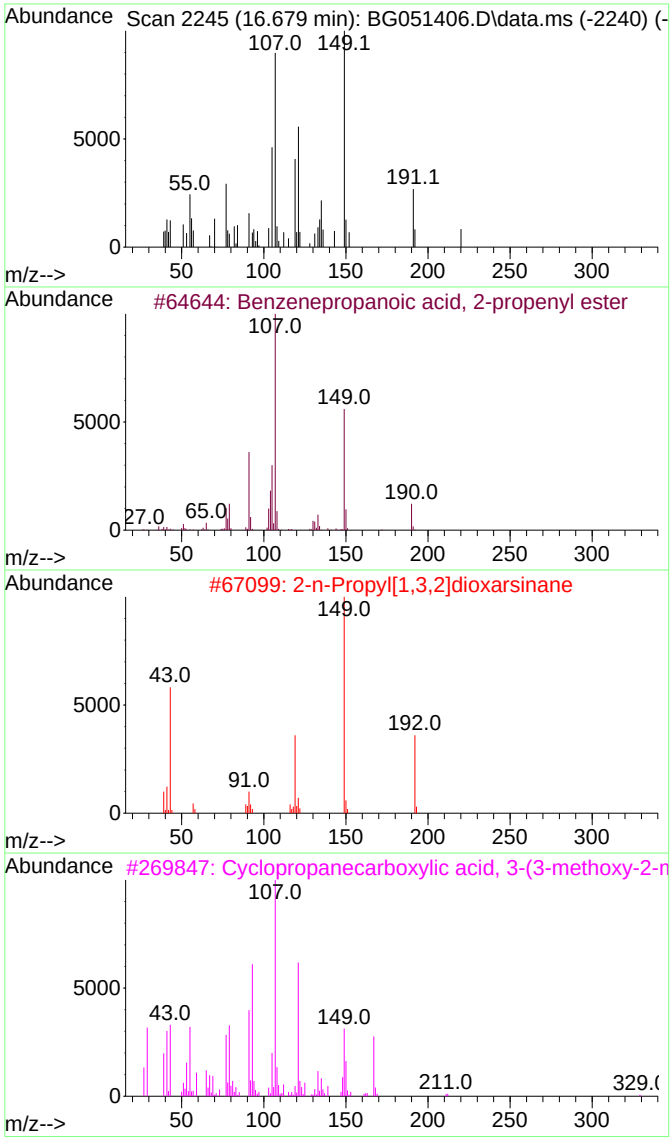
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION

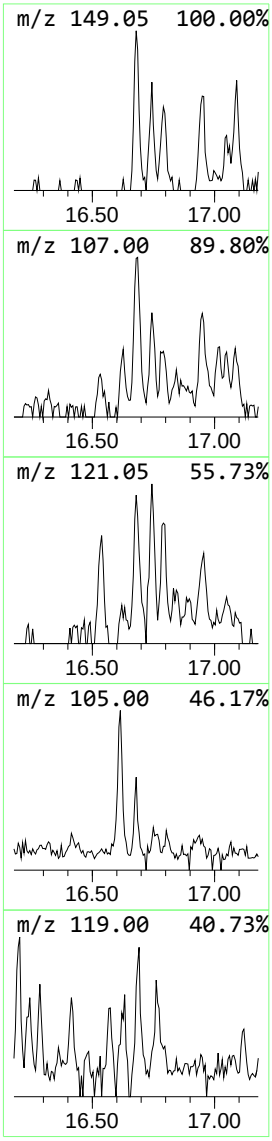
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzenepropanoic acid, 2-pr... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.679	2.09 ng/ul	42800	Phenanthrene-d10	17.572

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenepropanoic acid, 2-propeny...	190	C12H14O2	015814-45-6	50
2	2-n-Propyl[1,3,2]dioxarsinane	192	C6H13AsO2	1000322-39-7	35
3	Cyclopropanecarboxylic acid, 3-(...	360	C21H28O5	000121-20-0	35
4	Butanamide, N-(4-methylphenyl)-3...	191	C11H13NO2	002415-85-2	27
5	Butanamide, N-(2-methylphenyl)-3...	191	C11H13NO2	000093-68-5	27





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Data File : BG051406.D
Acq On : 8 Dec 2021 13:14
Operator : CG/JU
Sample : M4960-05
Misc :
ALS Vial : 64 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGKS0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION

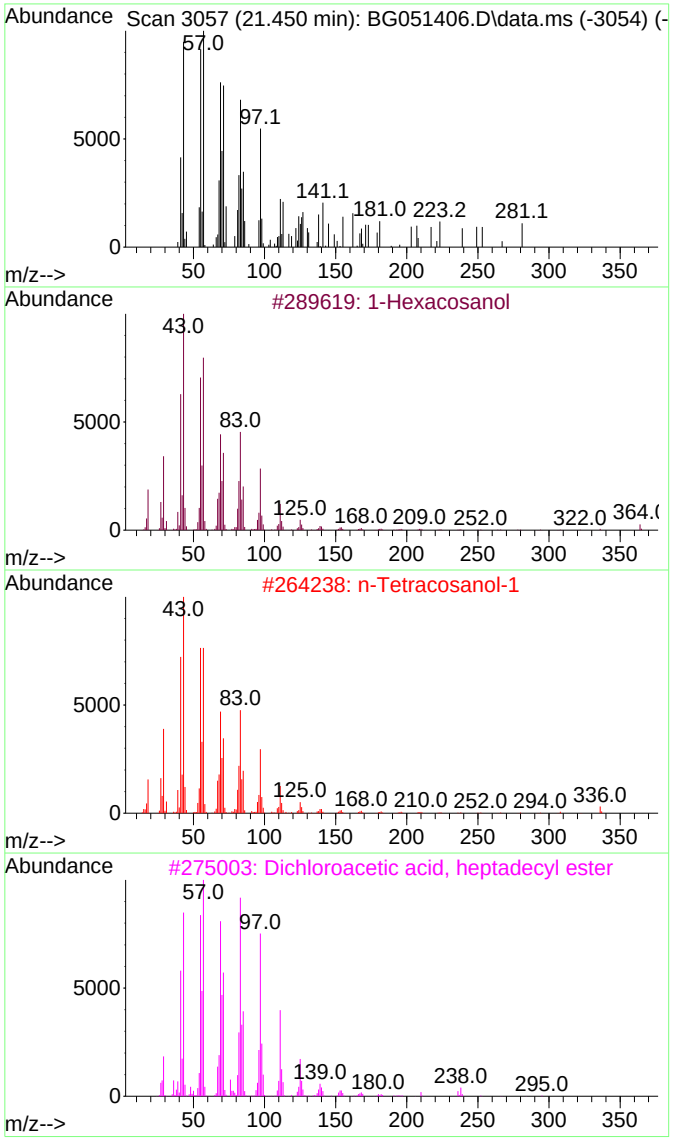
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

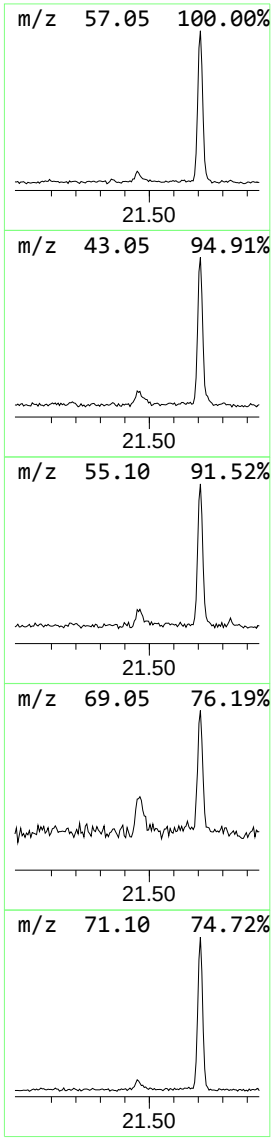
****

Peak Number 6 1-Hexacosanol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.450	2.18 ng/ul	43678	Chrysene-d12	21.873

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexacosanol	382	C26H54O	000506-52-5	74
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	60
3	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	58
4	1-Nonadecene	266	C19H38	018435-45-5	53
5	Behenic alcohol	326	C22H46O	000661-19-8	53





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Data File : BG051406.D
Acq On : 8 Dec 2021 13:14
Operator : CG/JU
Sample : M4960-05
Misc :
ALS Vial : 64 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGKS0

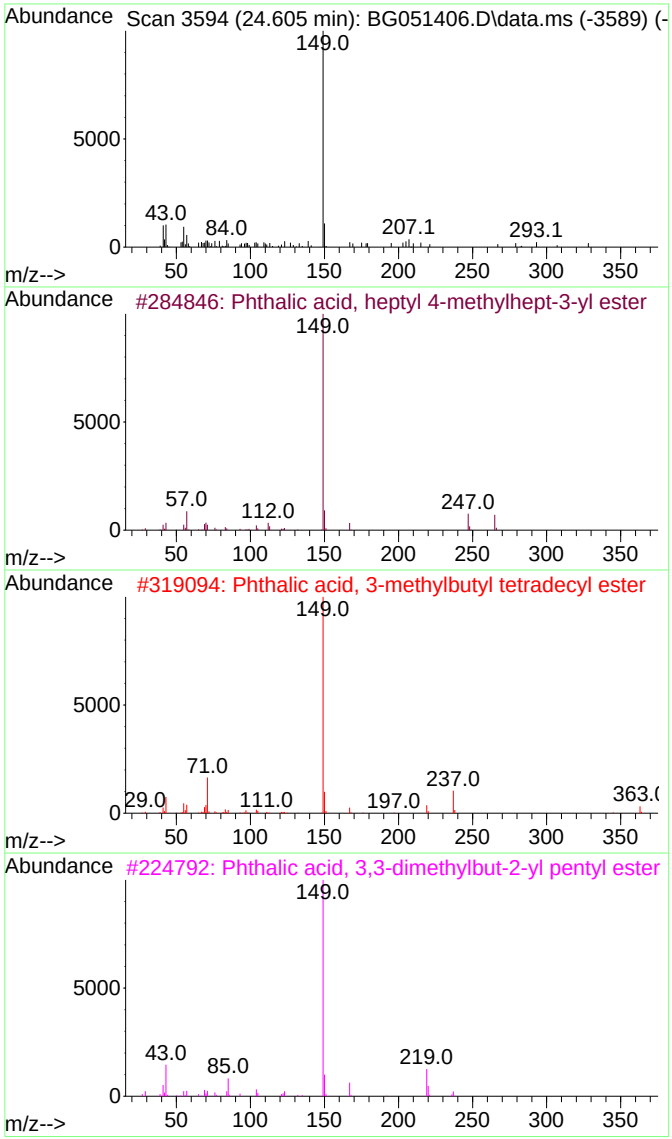
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION

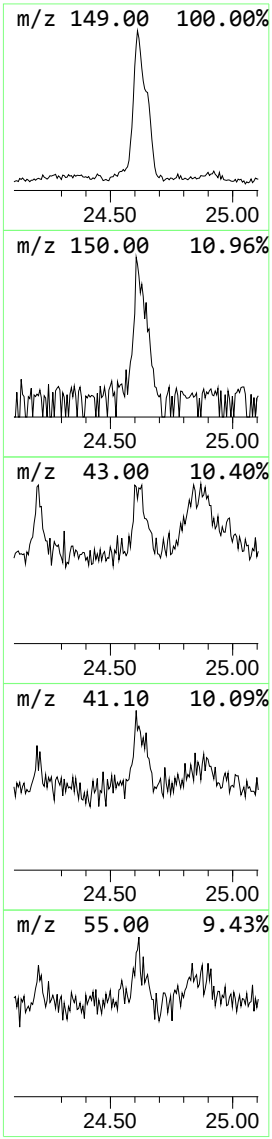
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Phthalic acid, heptyl 4-met... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.605	4.11 ng/ul	82227	Perylene-d12	25.269

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phthalic acid, heptyl 4-methylhe...	376	C23H36O4	1000377-94-2	64
2	Phthalic acid, 3-methylbutyl tet...	432	C27H44O4	1000356-81-5	64
3	Phthalic acid, 3,3-dimethylbut-2...	320	C19H28O4	1000357-00-3	64
4	Phthalic acid, octyl tridec-2-yn...	456	C29H44O4	1000315-44-1	64
5	Phthalic acid, hept-3-yl isohexy...	348	C21H32O4	1000356-98-9	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120621\
Data File : BG051406.D
Acq On : 8 Dec 2021 13:14
Operator : CG/JU
Sample : M4960-05
Misc :
ALS Vial : 64 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGKS0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.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
Cyclohexanamine...	7.584	5.7	ng/ul	47535	1	8.189	165721	20.0
(DEL) Alkane: S...	8.130	2.0	ng/ul	16827	1	8.189	165721	20.0
1,4-Benzenediam...	15.575	3.3	ng/ul	56131	3	14.823	340510	20.0
3,6,9,12-Tetrao...	15.616	2.5	ng/ul	42651	3	14.823	340510	20.0
Benzenepropanoi...	16.679	2.1	ng/ul	42800	4	17.572	409040	20.0
1-Hexacosanol	21.450	2.2	ng/ul	43678	5	21.873	401341	20.0
Phthalic acid, ...	24.605	4.1	ng/ul	82227	6	25.269	400379	20.0