LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060722\
Data File : BN020053.D
Acq On : 08 Jun 2022 06:44
Operator : CG/JU
Sample : N3212-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F5A52

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_N\Methods\SFAM-EPA-BN060622.M
Title : SVOA CALIBRATION

Signal : TIC: BN020053.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.258	25	29	36	rBV2	103715	199387	4.07%	0.357%
2	3.317	36	39	52	rVB	119110	174529	3.56%	0.313%
3	3.687	99	102	117	rBV	185365	318642	6.50%	0.571%
4	3.934	140	144	150	rVB2	12720	23902	0.49%	0.043%
5	4.028	156	160	169	rVB4	9030	16350	0.33%	0.029%
6	4.558	245	250	258	rVB3	23951	43063	0.88%	0.077%
7	5.152	344	351	360	rBV	119365	199970	4.08%	0.358%
8	6.987	657	663	671	rBV	121402	202914	4.14%	0.363%
9	7.152	682	691	701	rBV	510051	845170	17.25%	1.513%
10	7.352	718	725	737	rBV	500796	837481	17.09%	1.500%
11	7.822	798	805	813	rBV	438548	751665	15.34%	1.346%
12	7.893	813	817	824	rVB	27505	45042	0.92%	0.081%
13	8.175	854	865	873	rVB	63785	109077	2.23%	0.195%
14	8.522	915	924	939	rBV	418498	698956	14.27%	1.252%
15	8.975	993	1001	1016	rVV	661104	1155971	23.59%	2.070%
16	9.693	1116	1123	1138	rBV	546796	924720	18.87%	1.656%
17	10.234	1208	1215	1223	rBV	774127	1343212	27.41%	2.405%
18	10.304	1223	1227	1233	rVB2	25588	43154	0.88%	0.077%
19	10.610	1271	1279	1286	rBV	668256	1177419	24.03%	2.108%
20	10.740	1292	1301	1316	rBV	869975	1582167	32.29%	2.833%
21	11.757	1467	1474	1478	rBV	75426	131192	2.68%	0.235%
22	11.798	1478	1481	1487	rVV	101005	155809	3.18%	0.279%
23	11.893	1492	1497	1502	rVV	40401	68790	1.40%	0.123%
24	11.975	1505	1511	1520	rVB2	35339	62763	1.28%	0.112%
25	12.051	1520	1524	1528	rBV4	11590	18142	0.37%	0.032%
26	12.104	1528	1533	1542	rVV7	7440	14828	0.30%	0.027%
27	12.198	1542	1549	1556	rVB	14120	25505	0.52%	0.046%
28	12.334	1562	1572	1579	rBV	112973	199902	4.08%	0.358%
29	12.398	1579	1583	1592	rVB4	12374	26997	0.55%	0.048%
30	12.598	1610	1617	1622	rBV	118830	183657	3.75%	0.329%
31	12.663	1622	1628	1636	rVB3	24625	55054	1.12%	0.099%
32	12.810	1646	1653	1659	rBV4	9832	22586	0.46%	0.040%
33	13.028	1684	1690	1694	rVV2	40071	66038	1.35%	0.118%
34	13.063	1694	1696	1700	rVB2	12575	16195	0.33%	0.029%
35	13.298	1729	1736	1740	rBV2	14707	23781	0.49%	0.043%
36	13.675	1794	1800	1809	rVB	30774	48232	0.98%	0.086%

LSC Area Percent Report

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Acq On : 08 Jun 2022 06:44
Operator : CG/JU
Sample : N3212-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F5A52

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_N\Methods\SFAM-EPA-BN060622.M
Title : SVOA CALIBRATION

37	13.857	1824	1831	1841	rBV	1760919	2606518	53.20%	4.667%
38	14.140	1871	1879	1892	rVB	1864219	2854217	58.25%	5.111%
39	14.287	1900	1904	1908	rBV	14315	16750	0.34%	0.030%
40	14.339	1908	1913	1915	rVV2	19668	32274	0.66%	0.058%
41	14.369	1915	1918	1921	rVV	42827	64386	1.31%	0.115%
42	14.404	1921	1924	1926	rVV	26717	36248	0.74%	0.065%
43	14.445	1926	1931	1943	rVV	1046541	1639160	33.45%	2.935%
44	14.639	1957	1964	1972	rBV	149133	262171	5.35%	0.469%
45	14.704	1973	1975	1982	rVB4	14142	22824	0.47%	0.041%
46	14.898	1996	2008	2014	rBV	558969	834811	17.04%	1.495%
47	15.122	2044	2046	2051	rVB2	12869	18600	0.38%	0.033%
48	15.192	2053	2058	2061	rBV	18911	28995	0.59%	0.052%
49	15.257	2063	2069	2077	rBV	205472	292725	5.97%	0.524%
50	15.381	2085	2090	2094	rBV2	66315	100760	2.06%	0.180%
51	15.439	2094	2100	2111	rVV	2522907	3802061	77.60%	6.808%
52	15.557	2111	2120	2132	rVV3	1046064	2324526	47.44%	4.162%
53	15.675	2136	2140	2146	rVB2	33459	55821	1.14%	0.100%
54	15.739	2146	2151	2156	rBV2	26629	41660	0.85%	0.075%
55	15.828	2160	2166	2172	rVB	112796	170611	3.48%	0.305%
56	15.892	2172	2177	2180	rBV	32266	55396	1.13%	0.099%
57	15.922	2180	2182	2187	rVB2	21629	23256	0.47%	0.042%
58	16.198	2222	2229	2238	rVV3	276118	489219	9.98%	0.876%
59	16.281	2238	2243	2248	rVV	238707	369999	7.55%	0.663%
60	16.339	2248	2253	2259	rVV2	455780	865145	17.66%	1.549%
61	16.398	2259	2263	2268	rVV2	426395	691339	14.11%	1.238%
62	16.445	2268	2271	2276	rVV2	277850	448067	9.14%	0.802%
63	16.522	2276	2284	2286	rVV2	228175	502392	10.25%	0.900%
64	16.545	2286	2288	2292	rVV	175584	246997	5.04%	0.442%
65	16.604	2292	2298	2303	rVV4	416213	783695	15.99%	1.403%
66	16.663	2303	2308	2312	rVV2	594653	924856	18.88%	1.656%
67	16.698	2312	2314	2318	rVV2	194515	297923	6.08%	0.533%
68	16.745	2318	2322	2327	rVV	192832	317347	6.48%	0.568%
69	16.792	2327	2330	2334	rVV	54939	84401	1.72%	0.151%
70	16.839	2334	2338	2349	rVB6	38591	75773	1.55%	0.136%
71	16.957	2349	2358	2366	rBV2	60263	139399	2.85%	0.250%
72	17.057	2371	2375	2383	rBV9	10383	23743	0.48%	0.043%
73	17.186	2391	2397	2405	rVB	1308696	1979695	40.40%	3.545%
74	17.286	2407	2414	2424	rVV2	2748221	4196502	85.65%	7.514%
75	17.369	2424	2428	2435	rVB	36917	57825	1.18%	0.104%
76	17.475	2441	2446	2450	rBV3	22407	38135	0.78%	0.068%

LSC Area Percent Report

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Acq On : 08 Jun 2022 06:44
Operator : CG/JU
Sample : N3212-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F5A52

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_N\Methods\SFAM-EPA-BN060622.M
Title : SVOA CALIBRATION

77	17.551	2451	2459	2465	rBV	102606	230846	4.71%	0.413%
78	17.645	2470	2475	2481	rBV3	119977	215306	4.39%	0.386%
79	17.704	2482	2485	2486	rBV2	26815	29465	0.60%	0.053%
80	17.822	2501	2505	2507	rBV	61585	87909	1.79%	0.157%
81	17.857	2507	2511	2518	rVB	113244	242927	4.96%	0.435%
82	17.986	2528	2533	2544	rVV	181540	312788	6.38%	0.560%
83	18.092	2545	2551	2556	rVV2	94201	161223	3.29%	0.289%
84	18.157	2560	2562	2568	rVB	57010	74197	1.51%	0.133%
85	18.710	2652	2656	2661	rBV2	27617	39361	0.80%	0.070%
86	18.810	2669	2673	2678	rBV4	21567	33711	0.69%	0.060%
87	18.886	2682	2686	2691	rVB2	33842	48590	0.99%	0.087%
88	18.945	2691	2696	2700	rBV2	102842	138641	2.83%	0.248%
89	19.051	2710	2714	2718	rVB3	19589	26917	0.55%	0.048%
90	19.145	2726	2730	2737	rVB3	47929	73432	1.50%	0.131%
91	19.216	2738	2742	2745	rBV	46679	68993	1.41%	0.124%
92	19.375	2765	2769	2773	rBV2	57649	81948	1.67%	0.147%
93	19.522	2792	2794	2797	rVB3	14617	15958	0.33%	0.029%
94	19.580	2798	2804	2810	rBV	3396024	4840446	98.79%	8.667%
95	21.374	3104	3109	3116	rBV	1605840	2153454	43.95%	3.856%
96	22.257	3256	3259	3266	rVB	64962	93316	1.90%	0.167%
97	23.010	3384	3387	3393	rVB2	46899	67326	1.37%	0.121%
98	23.557	3472	3480	3487	rBV2	2404979	4899783	100.00%	8.774%
99	23.704	3498	3505	3516	rVB	1031213	2136616	43.61%	3.826%
100	24.304	3602	3607	3616	rVB2	65171	145491	2.97%	0.261%

Sum of corrected areas: 55847128

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060722\
Data File : BN020053.D
Acq On : 08 Jun 2022 06:44
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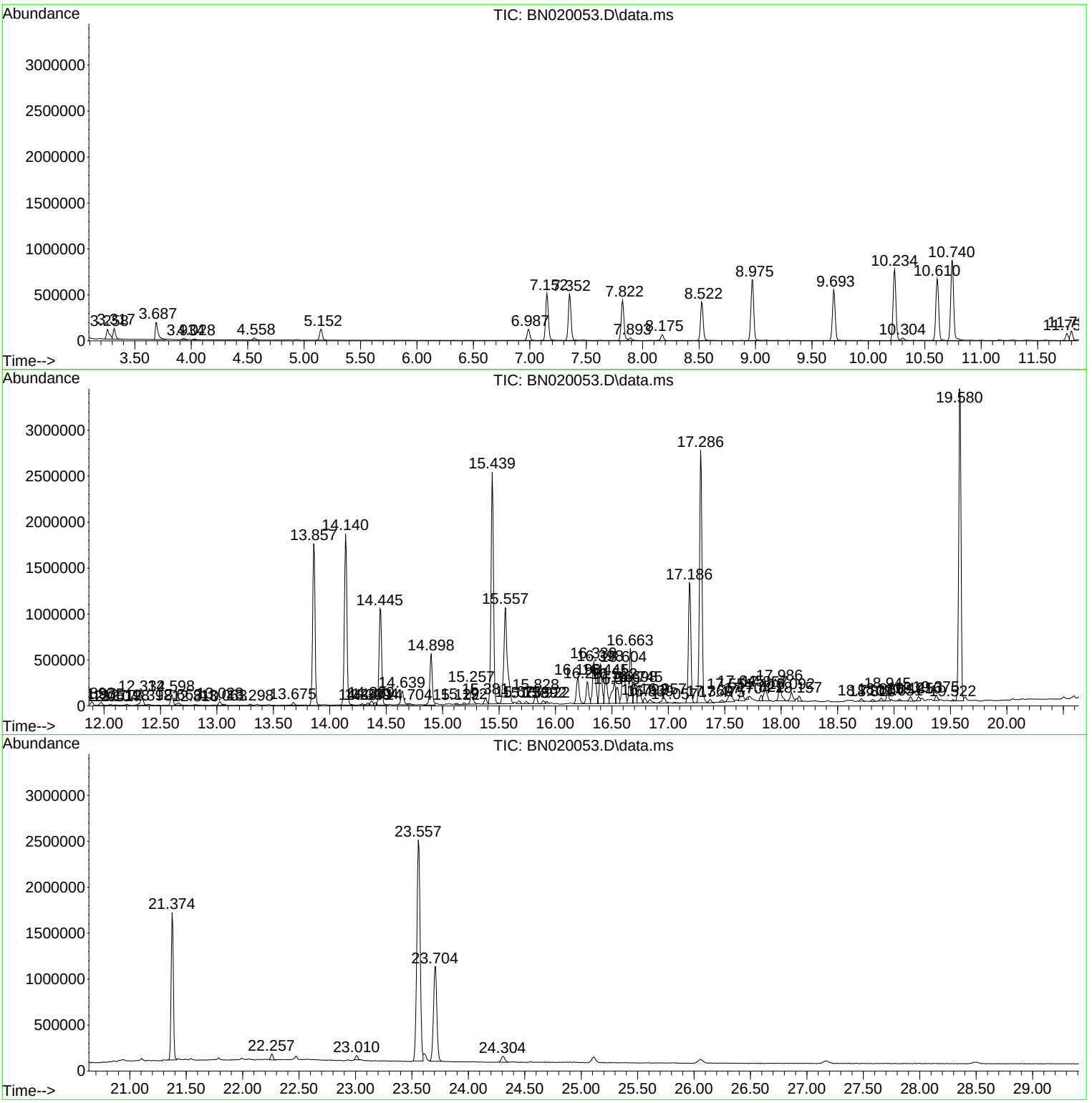
Sample : N3212-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F5A52

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN060622.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060722\
Data File : BN020053.D
Acq On : 08 Jun 2022 06:44
Operator : CG/JU
Sample : N3212-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F5A52

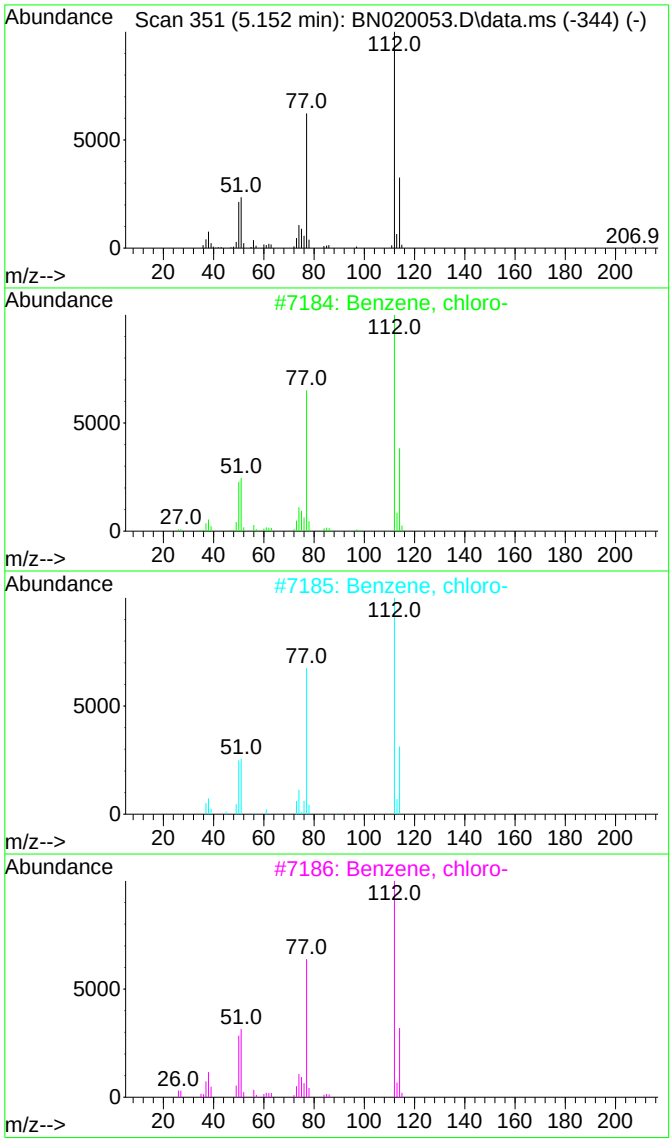
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN060622.M
Quant Title : SVOA CALIBRATION

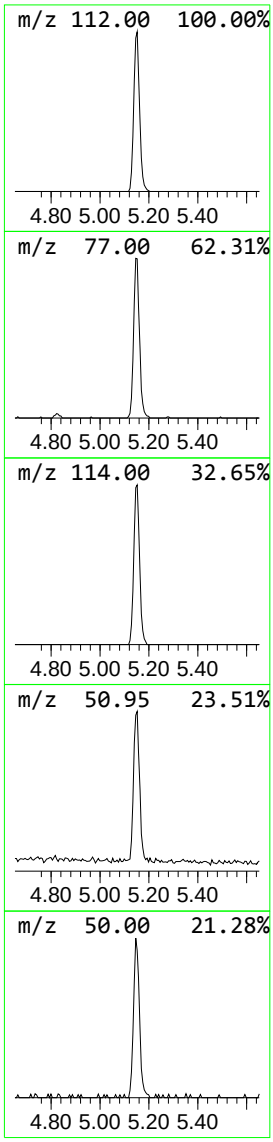
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Benzene, chloro- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.152	5.32 ng/ul	199970	1,4-Dichlorobenzene-d4	7.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, chloro-	112	C6H5Cl	000108-90-7	96
2	Benzene, chloro-	112	C6H5Cl	000108-90-7	96
3	Benzene, chloro-	112	C6H5Cl	000108-90-7	94
4	Benzene, chloro-	112	C6H5Cl	000108-90-7	93
5	Benzene, chloro-	112	C6H5Cl	000108-90-7	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060722\
Data File : BN020053.D
Acq On : 08 Jun 2022 06:44
Operator : CG/JU
Sample : N3212-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F5A52

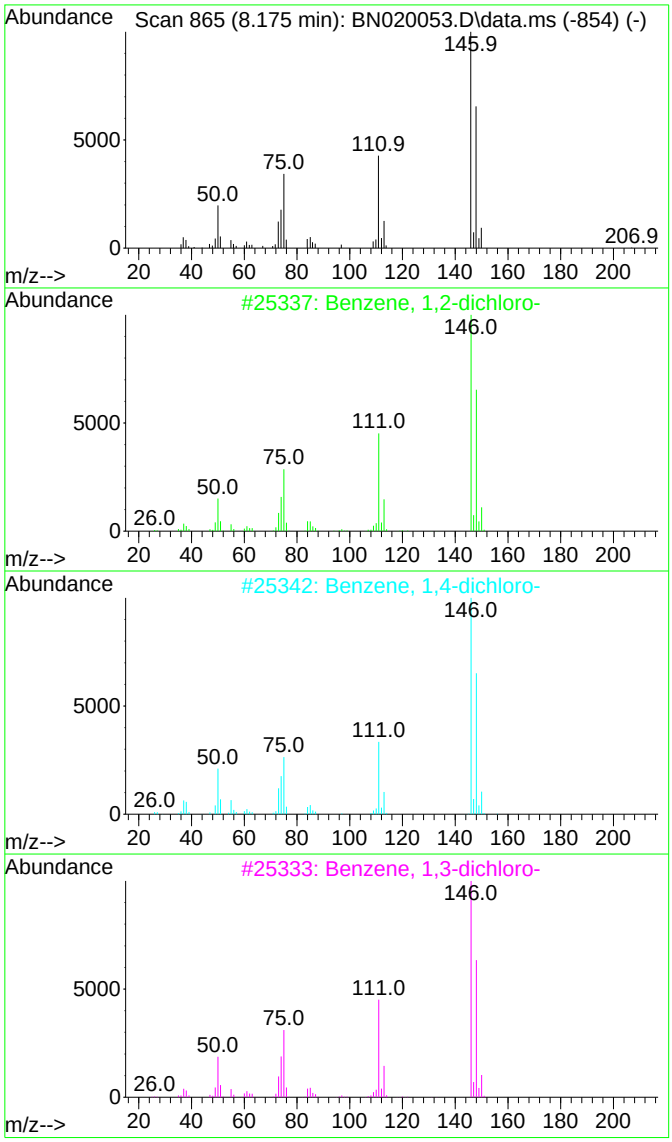
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN060622.M
Quant Title : SVOA CALIBRATION

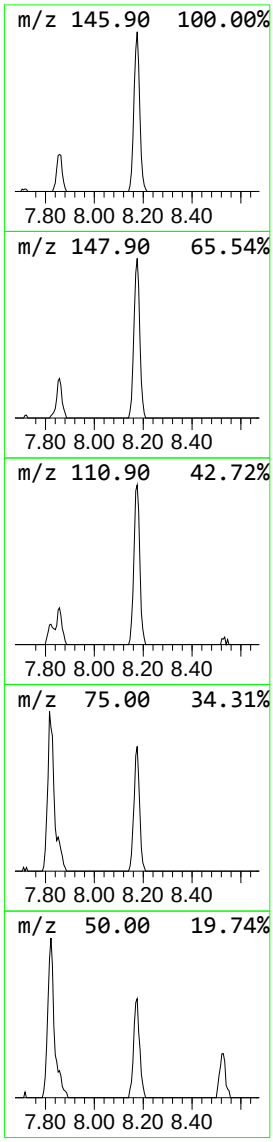
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Benzene, 1,2-dichloro- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.175	2.90 ng/ul	109077	1,4-Dichlorobenzene-d4	7.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-dichloro-	146	C6H4Cl2	000095-50-1	98
2	Benzene, 1,4-dichloro-	146	C6H4Cl2	000106-46-7	97
3	Benzene, 1,3-dichloro-	146	C6H4Cl2	000541-73-1	97
4	Benzene, 1,3-dichloro-	146	C6H4Cl2	000541-73-1	97
5	Benzene, 1,4-dichloro-	146	C6H4Cl2	000106-46-7	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060722\
Data File : BN020053.D
Acq On : 08 Jun 2022 06:44
Operator : CG/JU
Sample : N3212-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F5A52

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN060622.M
Quant Title : SVOA CALIBRATION

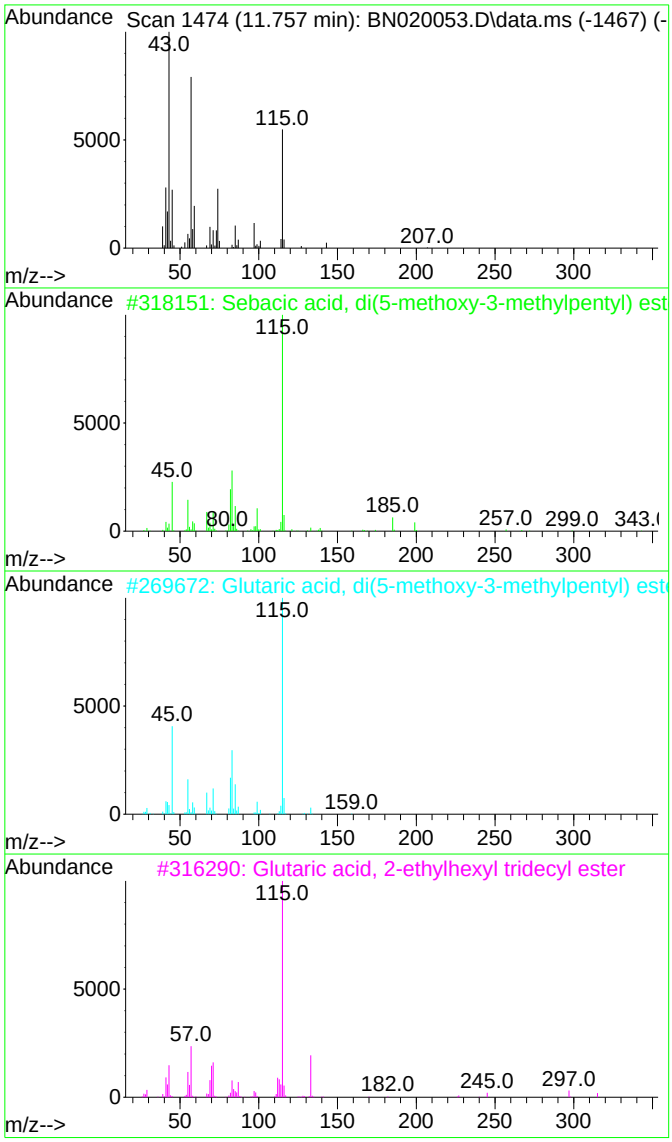
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

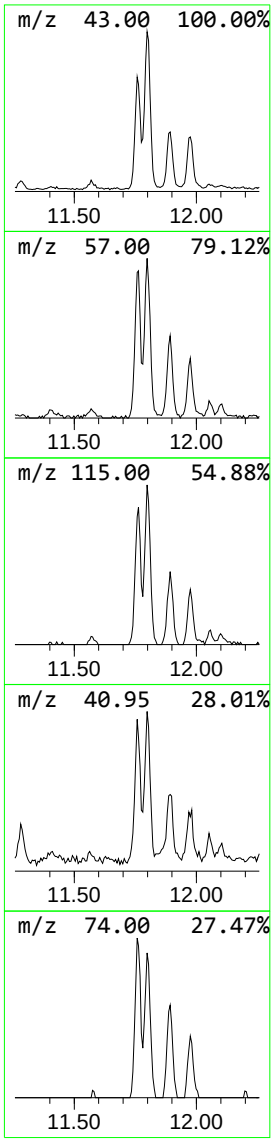
****

Peak Number 3 unknown-01 Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.757	2.23 ng/ul	131192	Naphthalene-d8	10.610

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sebacic acid, di(5-methoxy-3-met...	430	C24H46O6	1000355-51-2	43
2	Glutaric acid, di(5-methoxy-3-me...	360	C19H36O6	1000360-08-3	43
3	Glutaric acid, 2-ethylhexyl trid...	426	C26H50O4	1000358-24-5	35
4	Glutaric acid, hept-2-yl 2-methy...	314	C18H34O4	1010391-70-7	35
5	Glutaric acid, 2-ethylhexyl tetr...	440	C27H52O4	1010358-24-6	35





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060722\
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Sample : N3212-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN060622.M
Quant Title : SVOA CALIBRATION

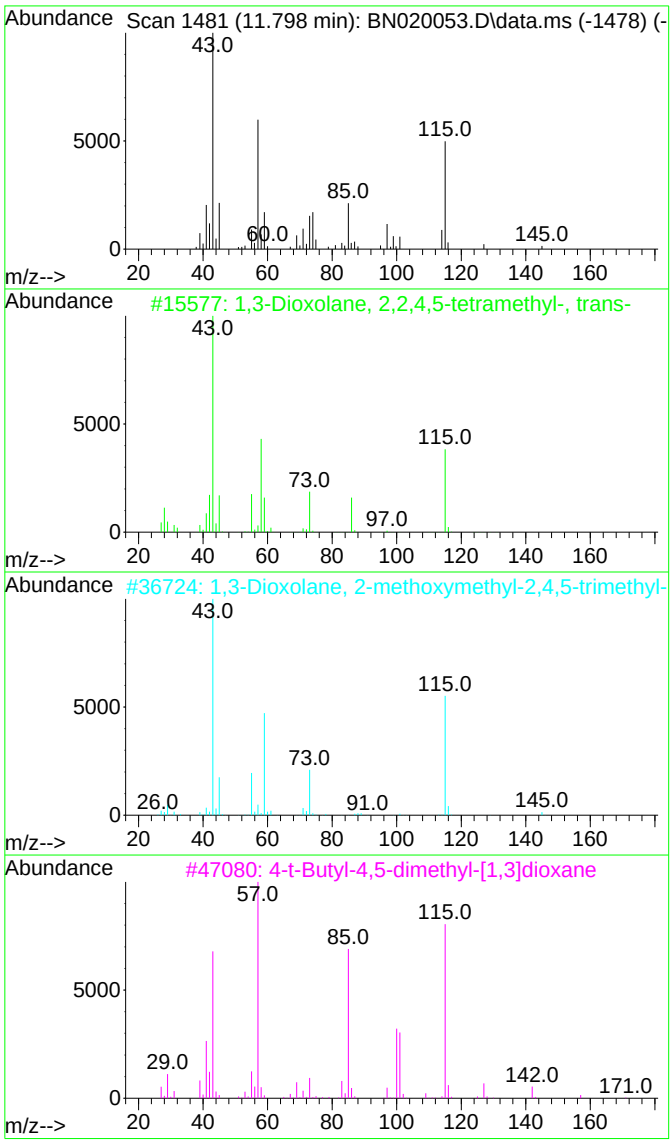
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

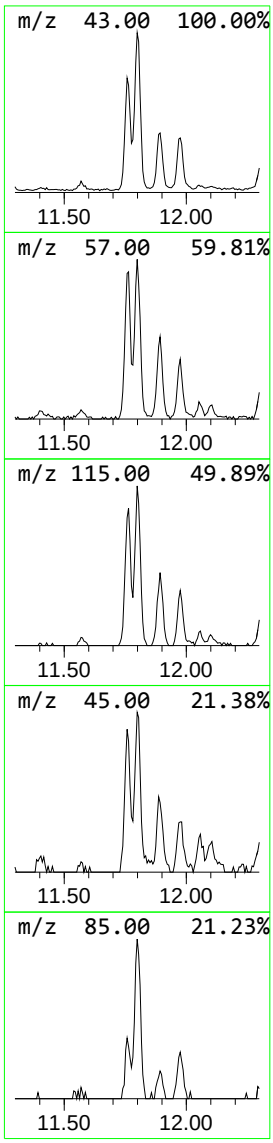
****

Peak Number 4 unknown-02 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.799	2.65 ng/ul	155809	Naphthalene-d8	10.610

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dioxolane, 2,2,4,5-tetrameth...	130	C7H14O2	017226-66-3	32
2	1,3-Dioxolane, 2-methoxymethyl-2...	160	C8H16O3	079449-90-4	25
3	4-t-Butyl-4,5-dimethyl-[1,3]dioxane	172	C10H20O2	1000190-70-0	23
4	1,3-Dioxolane, 2,2,4,5-tetrameth...	130	C7H14O2	017226-65-2	17
5	tert-Butyl ethyl malonate	188	C9H16O4	093117-74-9	16





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060722\
Data File : BN020053.D
Acq On : 08 Jun 2022 06:44
Operator : CG/JU
Sample : N3212-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F5A52

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN060622.M
Quant Title : SVOA CALIBRATION

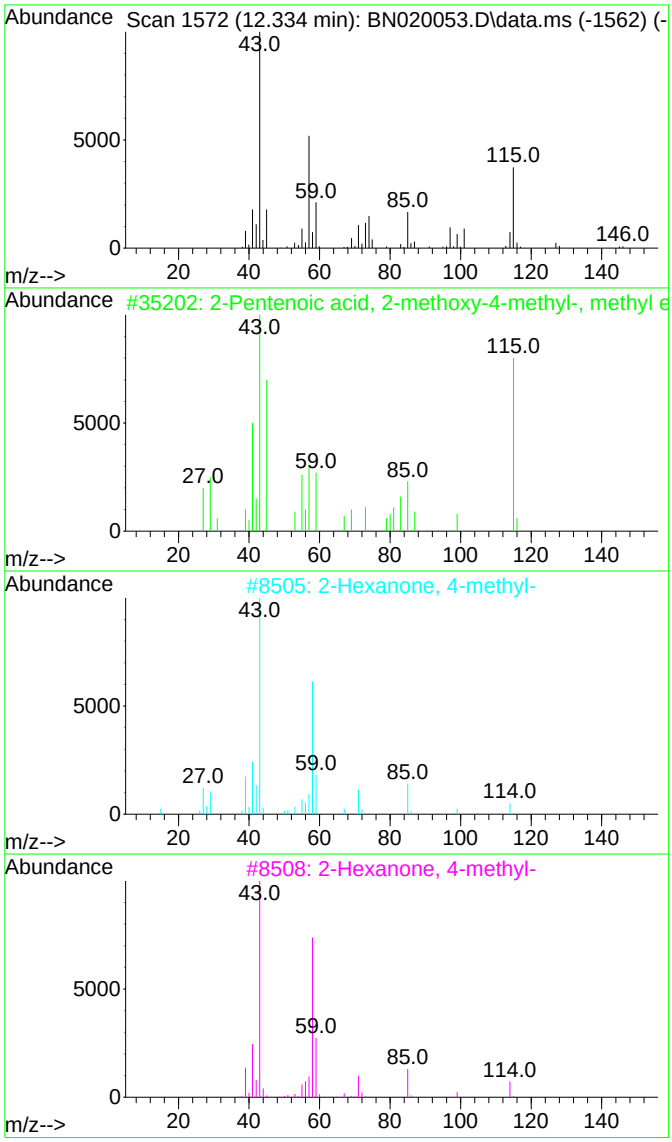
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

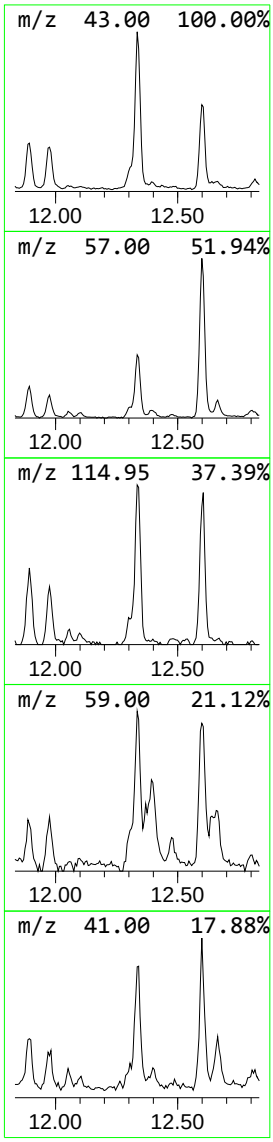
****

Peak Number 5 unknown-03 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.334	3.40 ng/ul	199902	Naphthalene-d8	10.610

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentenoic acid, 2-methoxy-4-me...	158	C8H14O3	056009-36-0	47
2	2-Hexanone, 4-methyl-	114	C7H14O	000105-42-0	30
3	2-Hexanone, 4-methyl-	114	C7H14O	000105-42-0	27
4	Carbonic acid, prop-1-en-2-yl te...	298	C18H34O3	1000382-90-9	25
5	2-Hexanone, 4-methyl-	114	C7H14O	000105-42-0	16





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Acq On : 08 Jun 2022 06:44
Operator : CG/JU
Sample : N3212-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F5A52

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN060622.M
Quant Title : SVOA CALIBRATION

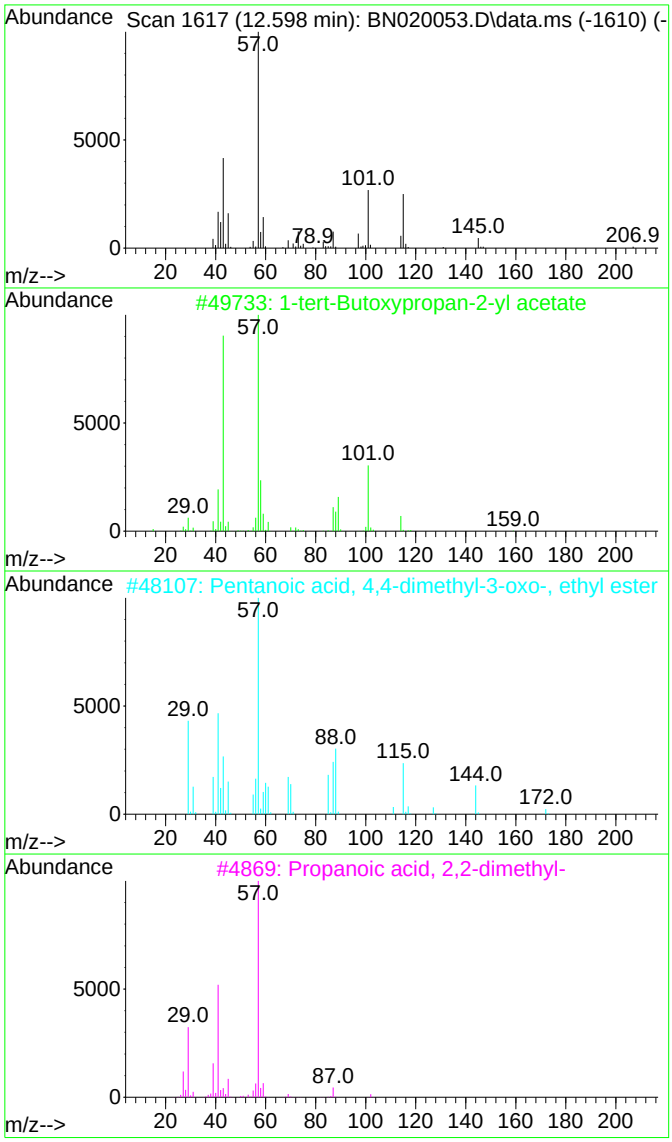
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

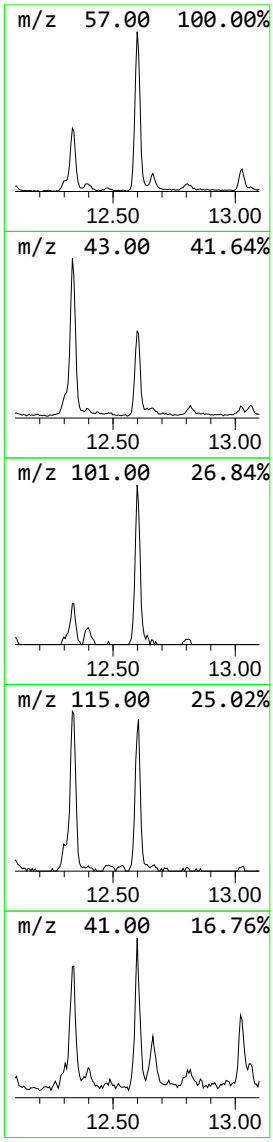
****

Peak Number 6 unknown-04 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.598	2.24 ng/ul	183657	Acenaphthene-d10	14.445

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-tert-Butoxypropan-2-yl acetate	174	C9H18O3	1000367-07-9	25
2	Pentanoic acid, 4,4-dimethyl-3-o...	172	C9H16O3	017094-34-7	25
3	Propanoic acid, 2,2-dimethyl-	102	C5H10O2	000075-98-9	22
4	1-tert-Butoxypropan-2-yl acetate	174	C9H18O3	1000367-07-9	12
5	4,6,9,11-Tetramethyl-1-oxa-4,6,9...	272	C12H24N4O3	1000139-36-0	12





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Sample : N3212-03
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ALS Vial : 30 Sample Multiplier: 1

Instrument :
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ClientSampleId :
F5A52

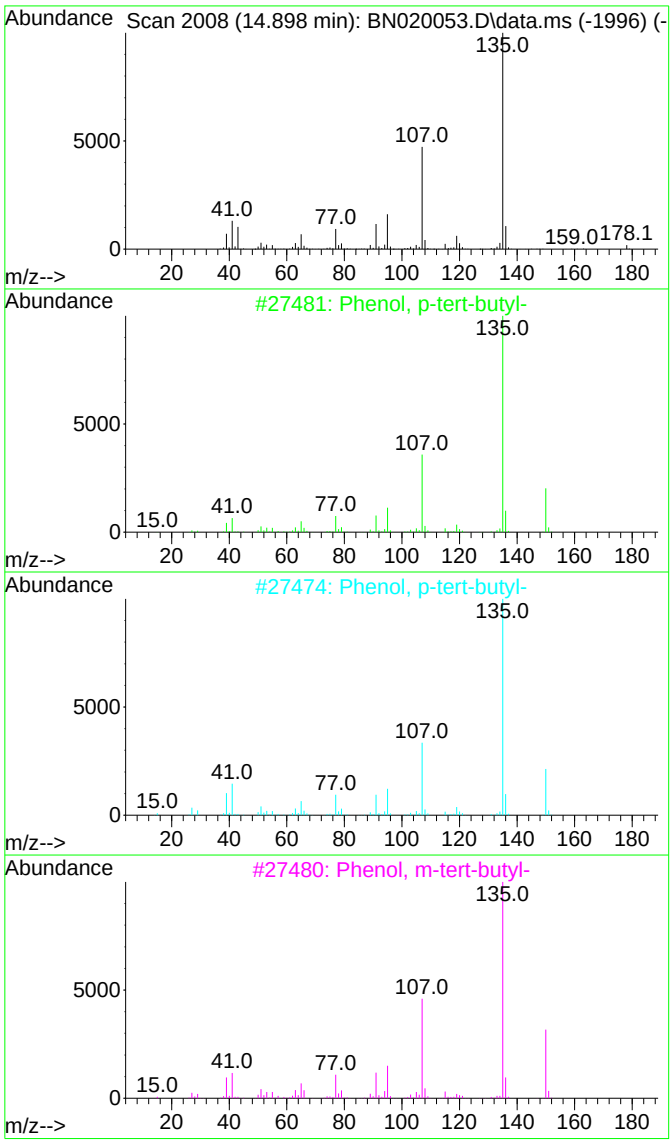
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN060622.M
Quant Title : SVOA CALIBRATION

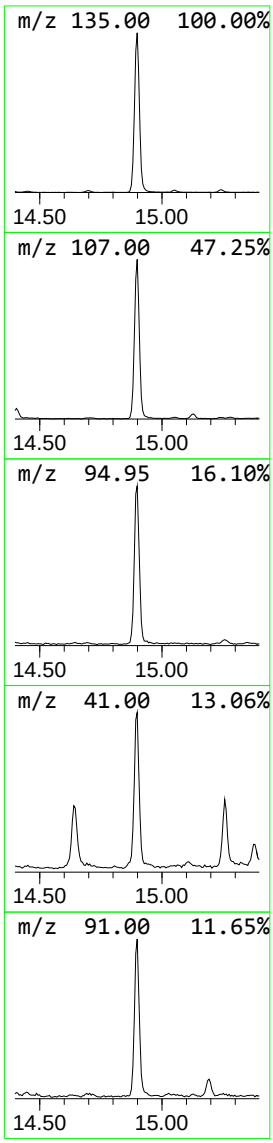
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Phenol, p-tert-butyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.898	10.19 ng/ul	834811	Acenaphthene-d10	14.445

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	90
2	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	90
3	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	83
4	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	83
5	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	74





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Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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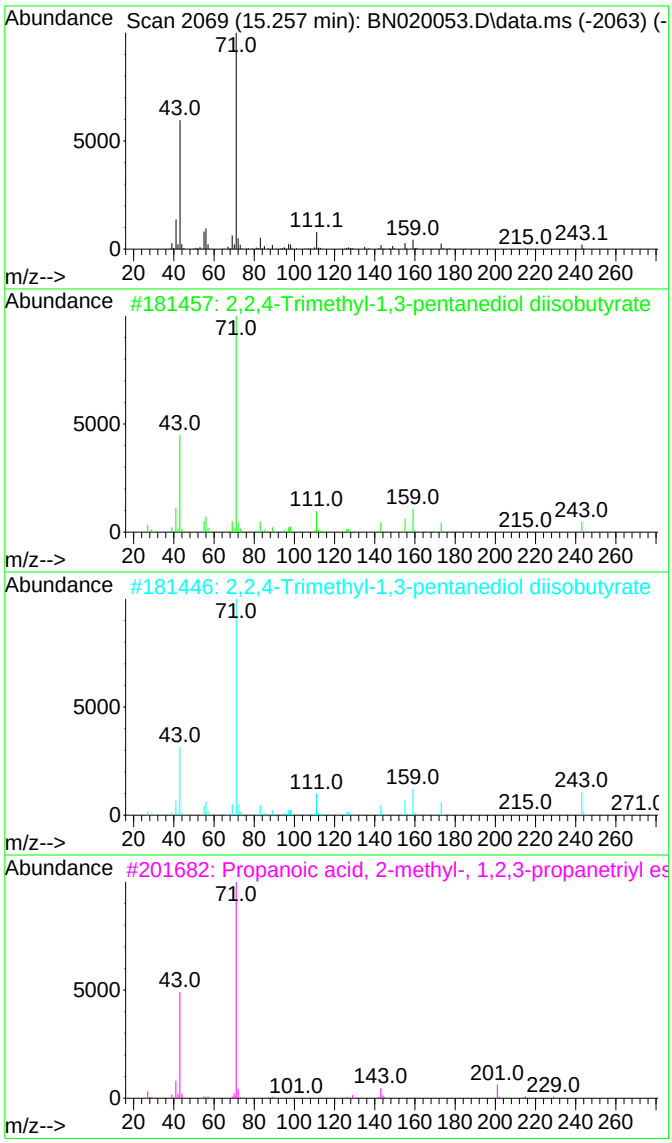
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN060622.M
Quant Title : SVOA CALIBRATION

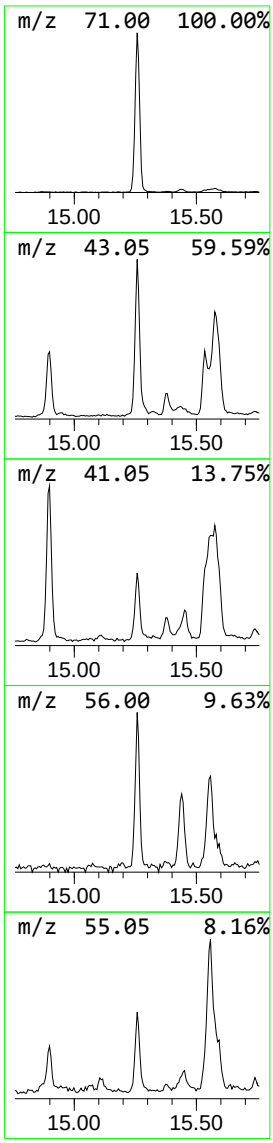
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 2,2,4-Trimethyl-1,3-pentane... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.257	3.57 ng/ul	292725	Acenaphthene-d10	14.445

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2,4-Trimethyl-1,3-pentanediol ...	286	C16H30O4	006846-50-0	90
2	2,2,4-Trimethyl-1,3-pentanediol ...	286	C16H30O4	006846-50-0	83
3	Propanoic acid, 2-methyl-, 1,2,3...	302	C15H26O6	014295-64-8	53
4	4-Hexen-3-ol, 2-methyl-	114	C7H14O	004798-60-1	53
5	Butanoic acid, 2-propenyl ester	128	C7H12O2	002051-78-7	53





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Sample : N3212-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN060622.M
Quant Title : SVOA CALIBRATION

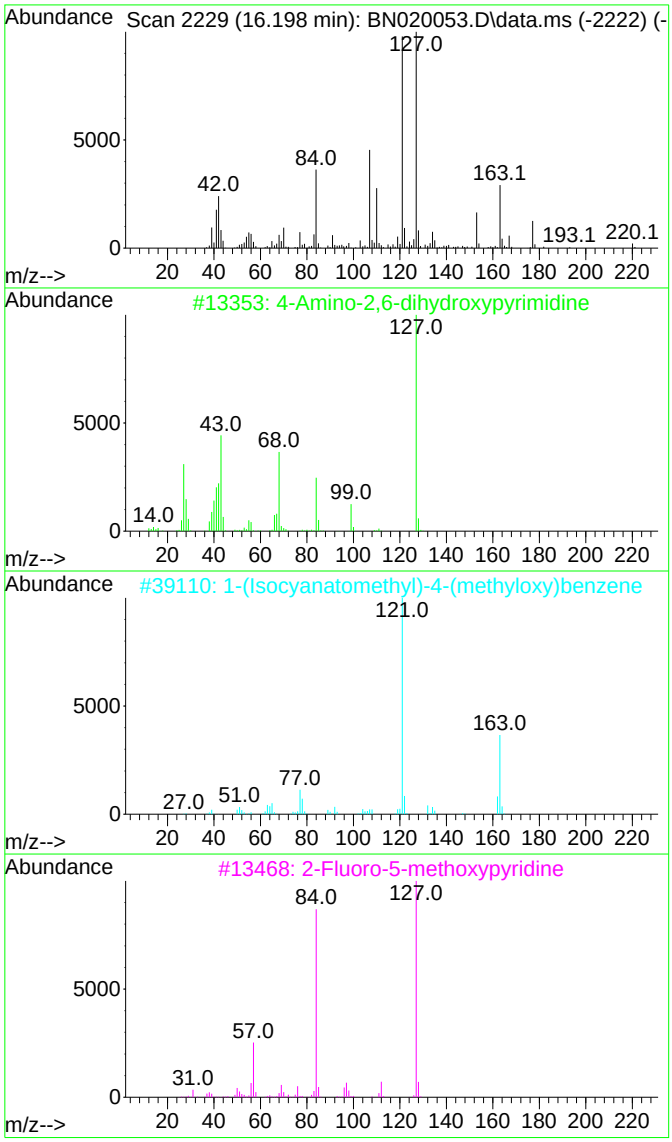
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

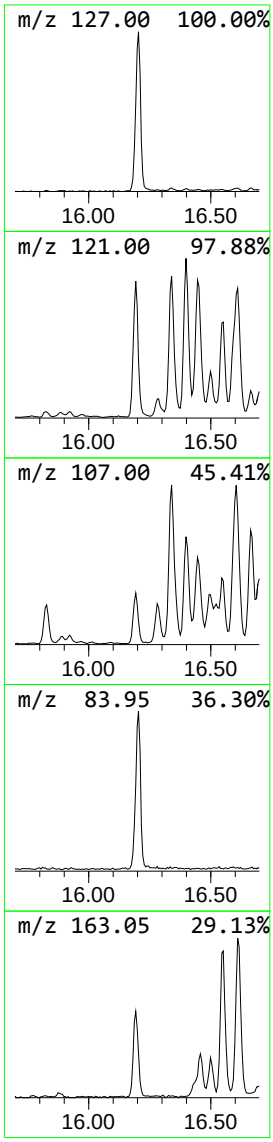
****

Peak Number 9 unknown-05 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.198	4.94 ng/ul	489219	Phenanthrene-d10	17.186

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Amino-2,6-dihydroxypyrimidine	127	C4H5N3O2	000873-83-6	22
2	1-(Isocyanatomethyl)-4-(methylox...	163	C9H9NO2	056651-60-6	22
3	2-Fluoro-5-methoxypyridine	127	C6H6FNO	136888-79-4	18
4	N-Cyclopropyl-2-hydroxybenzamide	177	C10H11NO2	440111-82-0	18
5	4-Methoxy-.alpha.-toluenethiol	154	C8H10OS	006258-60-2	18





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Operator : CG/JU
Sample : N3212-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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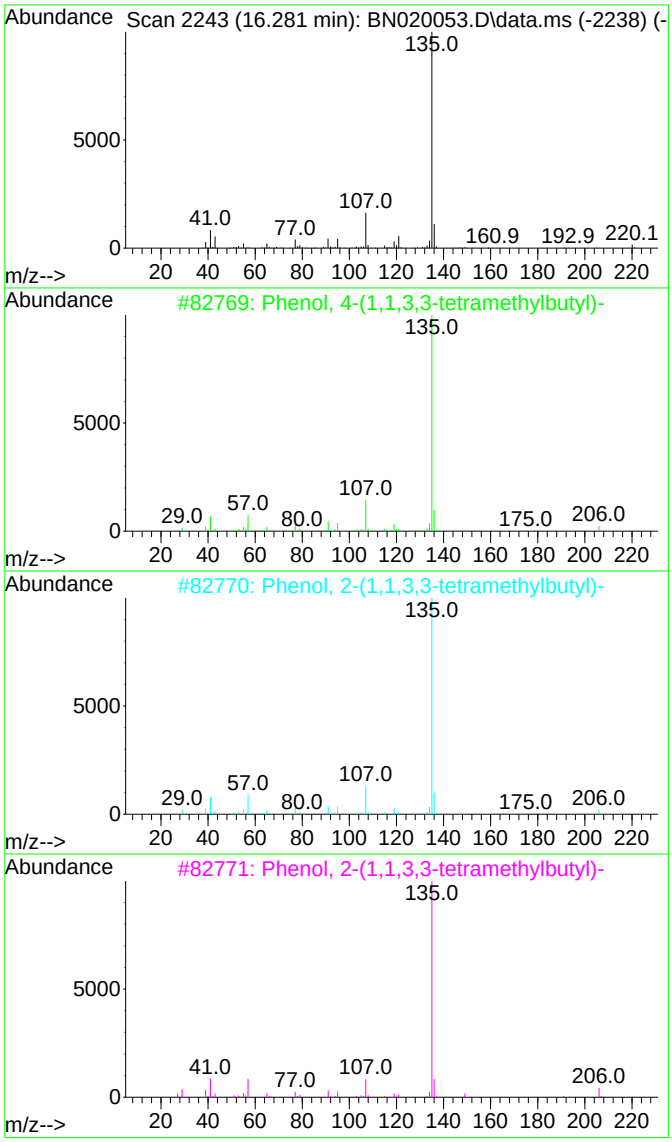
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN060622.M
Quant Title : SVOA CALIBRATION

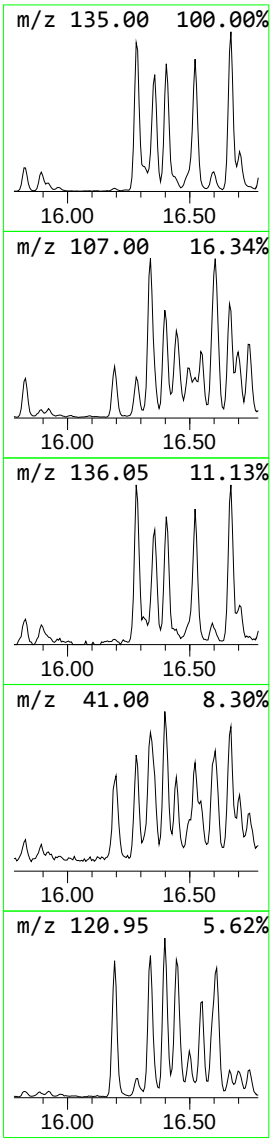
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Phenol, 4-(1,1,3,3-tetramet... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.281	3.74 ng/ul	369999	Phenanthrene-d10	17.186

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	86
2	Phenol, 2-(1,1,3,3-tetramethylbu...	206	C14H22O	003884-95-5	86
3	Phenol, 2-(1,1,3,3-tetramethylbu...	206	C14H22O	003884-95-5	78
4	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	78
5	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	78





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Operator : CG/JU
Sample : N3212-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN060622.M
Quant Title : SVOA CALIBRATION

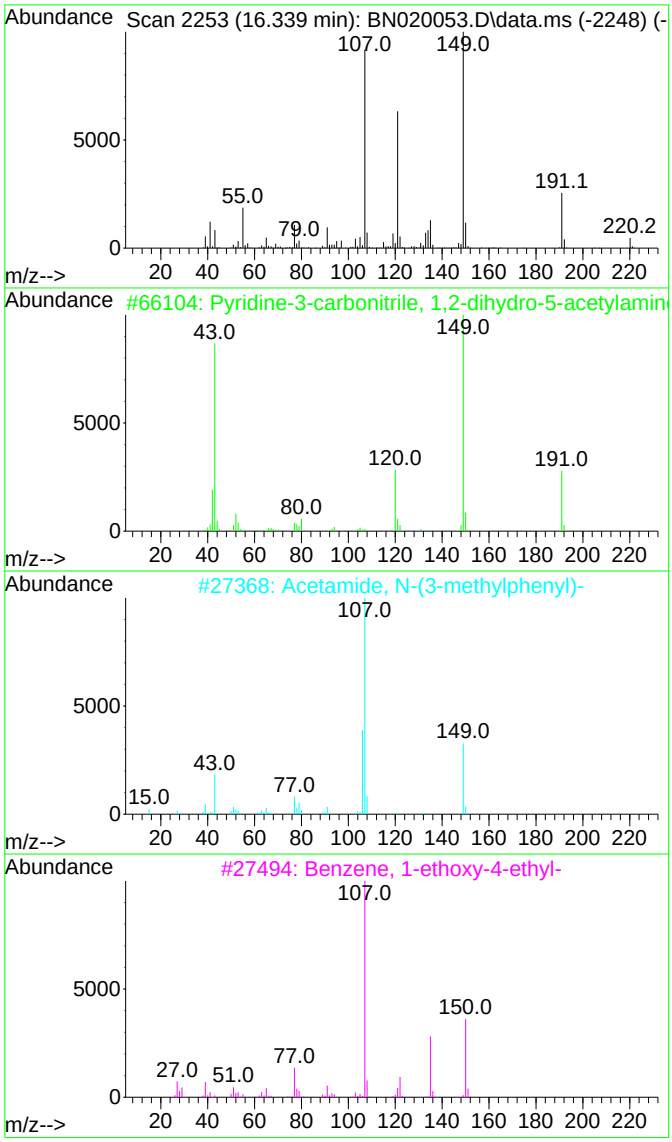
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

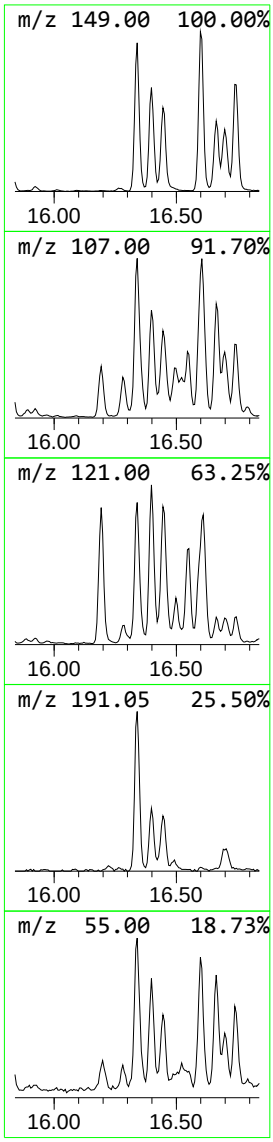
****

Peak Number 11 unknown-06 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.339	8.74 ng/ul	865145	Phenanthrene-d10	17.186

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyridine-3-carbonitrile, 1,2-dih...	191	C9H9N3O2	220098-92-0	43
2	Acetamide, N-(3-methylphenyl)-	149	C9H11NO	000537-92-8	43
3	Benzene, 1-ethoxy-4-ethyl-	150	C10H14O	001585-06-4	41
4	Phthalic acid, 2-(methylthio)phe...	330	C18H18O4S	1000415-55-9	38
5	3,4-(methylenedioxy)-phenylbutan...	192	C11H12O3	1000378-99-2	38





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Operator : CG/JU
Sample : N3212-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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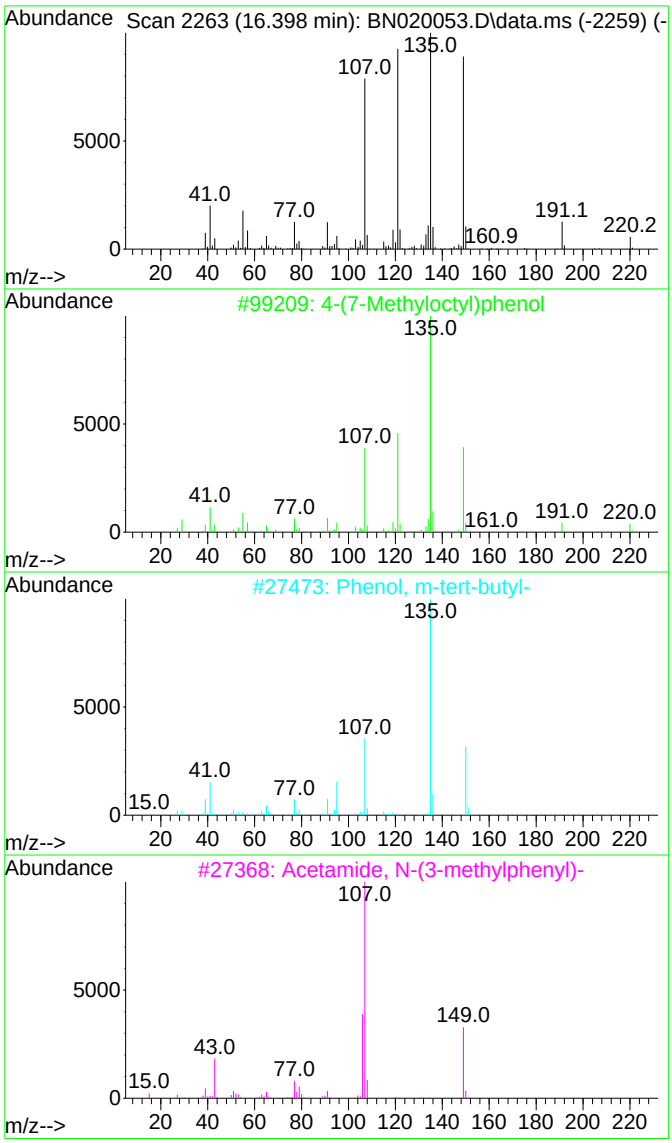
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN060622.M
Quant Title : SVOA CALIBRATION

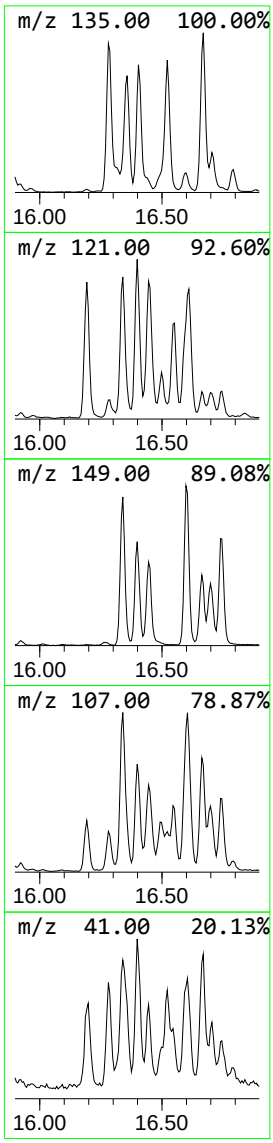
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 4-(7-Methyloctyl)phenol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.398	6.98 ng/ul	691339	Phenanthrene-d10	17.186

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-(7-Methyloctyl)phenol	220	C15H24O	024518-48-7	83
2	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	46
3	Acetamide, N-(3-methylphenyl)-	149	C9H11NO	000537-92-8	38
4	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	38
5	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	38





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Operator : CG/JU
Sample : N3212-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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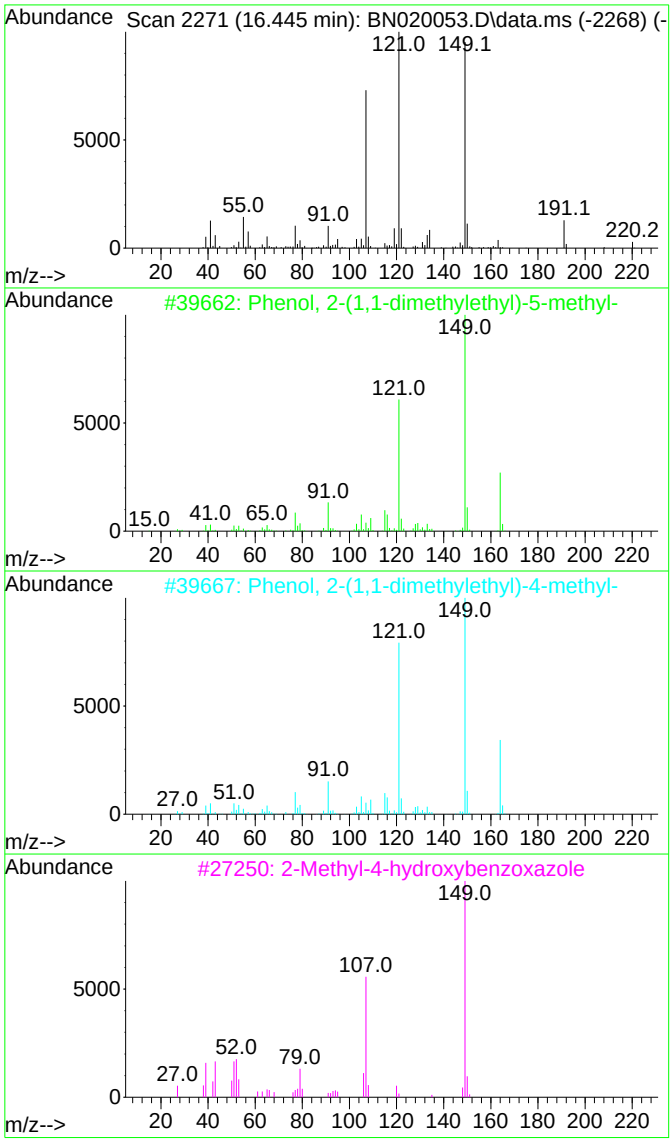
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN060622.M
Quant Title : SVOA CALIBRATION

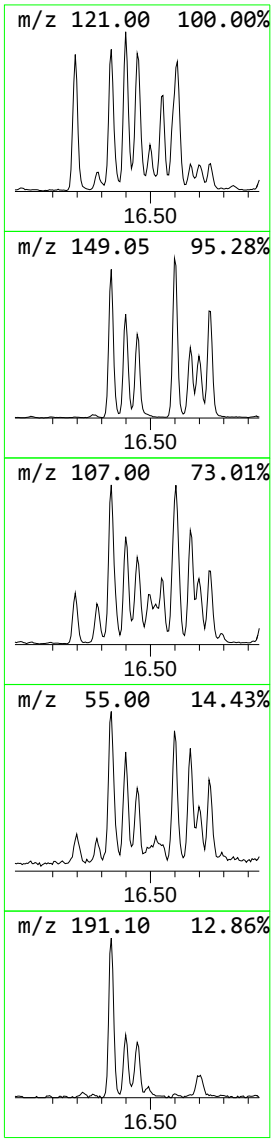
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Phenol, 2-(1,1-dimethylethy... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.445	4.53 ng/ul	448067	Phenanthrene-d10	17.186

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-(1,1-dimethylethyl)-5-...	164	C11H16O	000088-60-8	62
2	Phenol, 2-(1,1-dimethylethyl)-4-...	164	C11H16O	002409-55-4	53
3	2-Methyl-4-hydroxybenzoxazole	149	C8H7NO2	051110-60-2	38
4	Acetamide, N-(2-methylphenyl)-	149	C9H11NO	000120-66-1	38
5	Benzene, 1-methoxy-4-propyl-	150	C10H14O	000104-45-0	30





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ClientSampleId :
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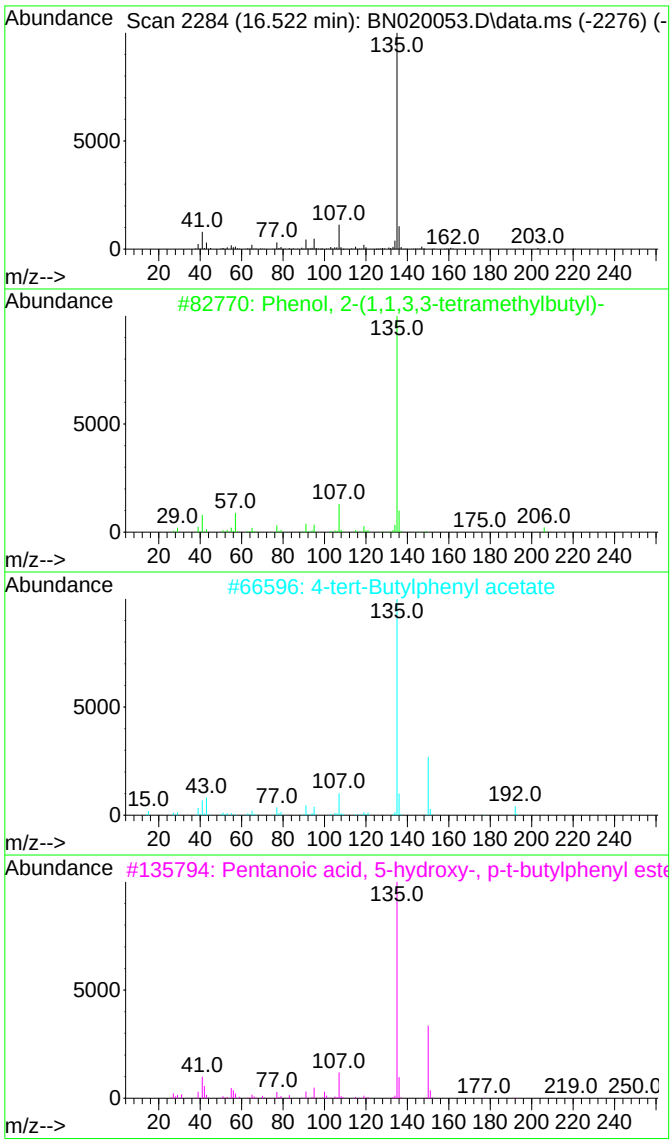
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN060622.M
Quant Title : SVOA CALIBRATION

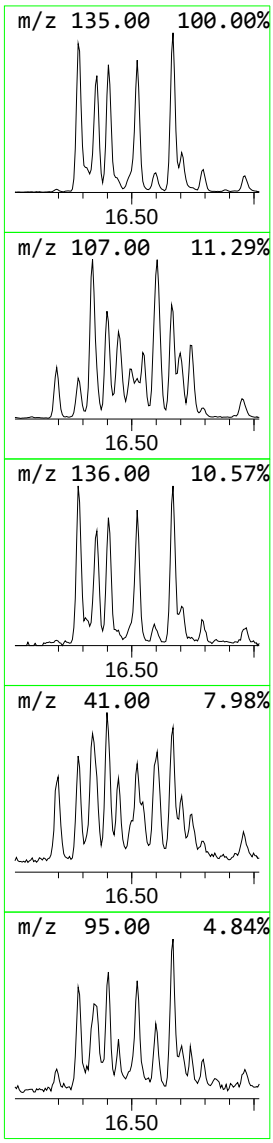
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Phenol, 2-(1,1,3,3-tetramet... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.522	5.08 ng/ul	502392	Phenanthrene-d10	17.186

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-(1,1,3,3-tetramethylbu...	206	C14H22O	003884-95-5	83
2	4-tert-Butylphenyl acetate	192	C12H16O2	003056-64-2	78
3	Pentanoic acid, 5-hydroxy-, p-t-...	250	C15H22O3	166273-37-6	78
4	4-tert-Butylphenol, O-(n-propylo...	236	C14H20O3	1000487-25-4	64
5	Carbamic acid, N-[1,1-bis(triflu...	413	C19H25F6NO2	296242-69-8	56





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Quant Title : SVOA CALIBRATION

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

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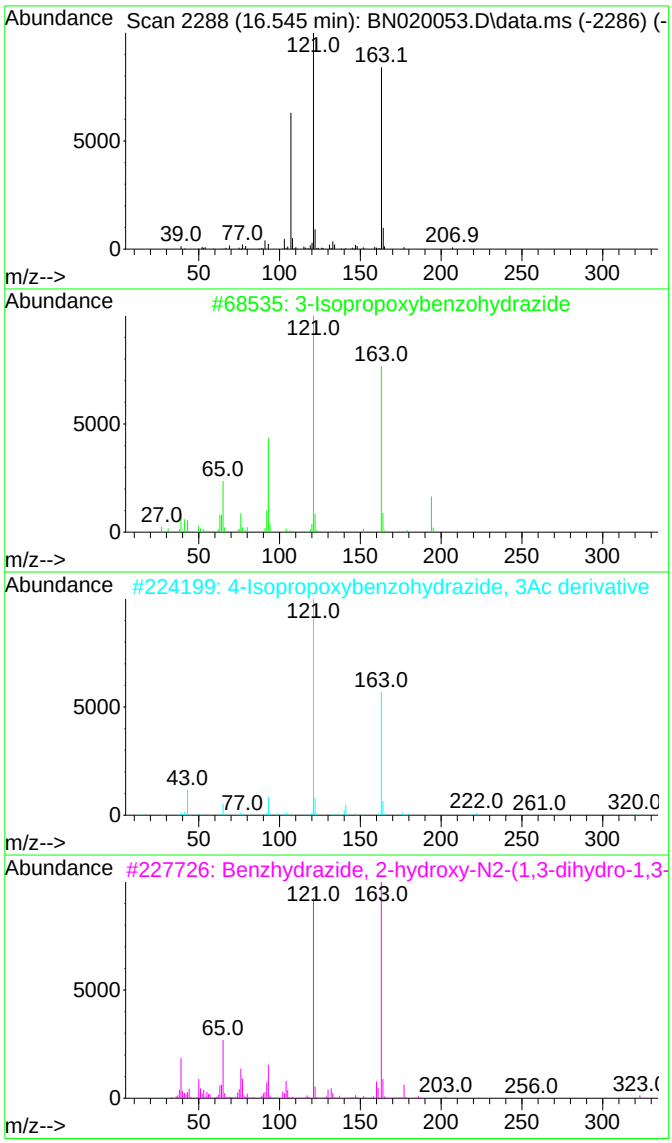
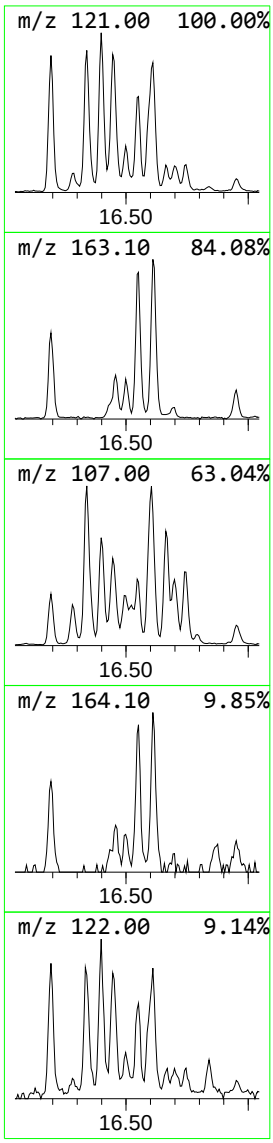
Peak Number 15 unknown-07 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.545	2.50 ng/ul	246997	Phenanthrene-d10	17.186

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Isopropoxybenzohydrazide	194	C10H14N2O2	350989-60-5	45
2	4-Isopropoxybenzohydrazide, 3Ac ...	320	C16H20N2O5	1000486-70-2	38
3	Benzhydrazide, 2-hydroxy-N2-(1,3...	323	C17H13N3O4	1000265-07-6	38
4	4'-Propoxy-2-methylpropiophenone	206	C13H18O2	064436-60-8	38
5	4-sec-Butylphenol, O-(n-propylox...	236	C14H20O3	1000487-26-7	32





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ALS Vial : 30 Sample Multiplier: 1

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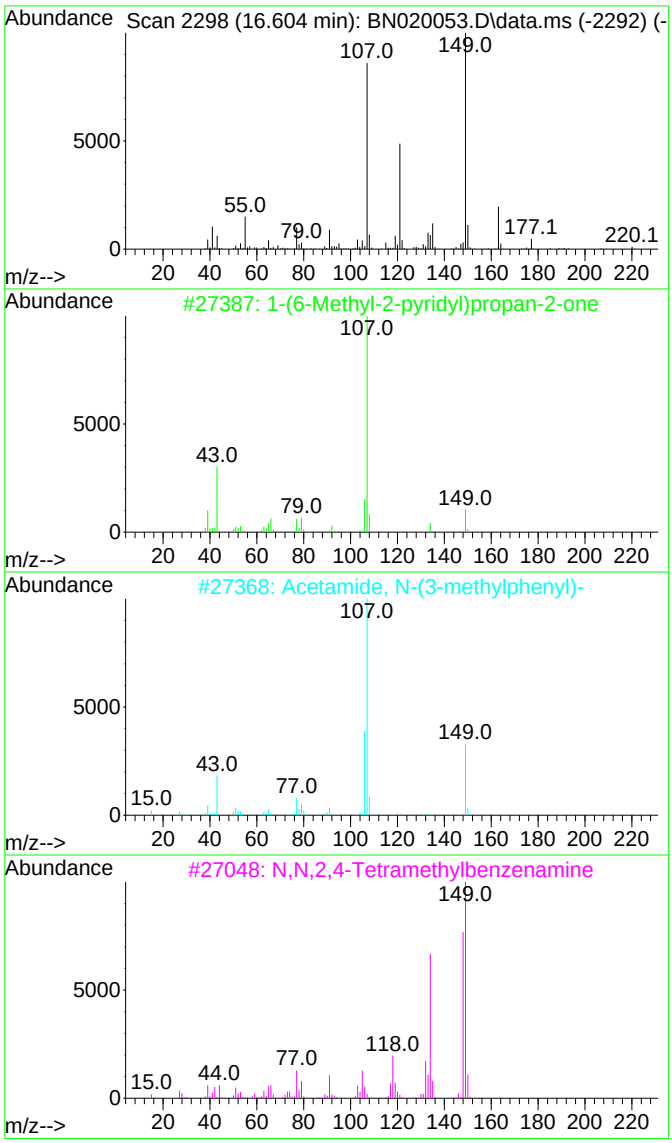
Quant Title : SVOA CALIBRATION

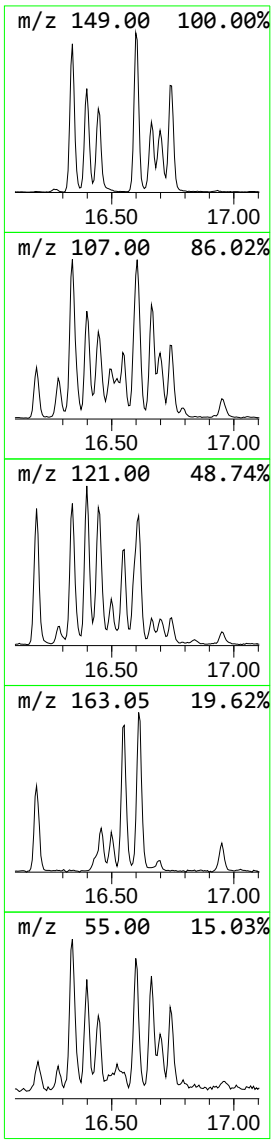
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 1-(6-Methyl-2-pyridyl)propa... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.604	7.92 ng/ul	783695	Phenanthrene-d10	17.186

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-(6-Methyl-2-pyridyl)propan-2-one	149	C9H11NO	065702-08-1	59
2	Acetamide, N-(3-methylphenyl)-	149	C9H11NO	000537-92-8	46
3	N,N,2,4-Tetramethylbenzenamine	149	C10H15N	000769-53-9	38
4	4,5,7-Trimethyl-4,5,6,7-tetrahyd...	164	C10H16N2	113849-86-8	35
5	2-tert-Butyl-6-methylphenol, 2-m...	220	C15H24O	1000395-19-4	35





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Data File : BN020053.D
Acq On : 08 Jun 2022 06:44
Operator : CG/JU
Sample : N3212-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F5A52

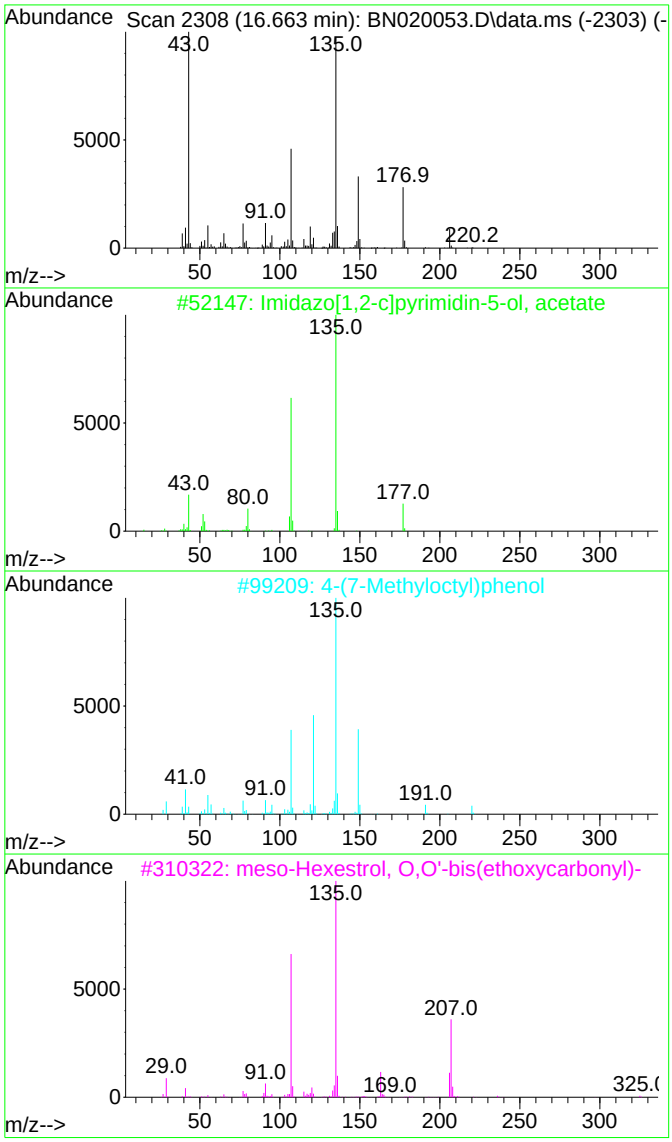
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN060622.M
Quant Title : SVOA CALIBRATION

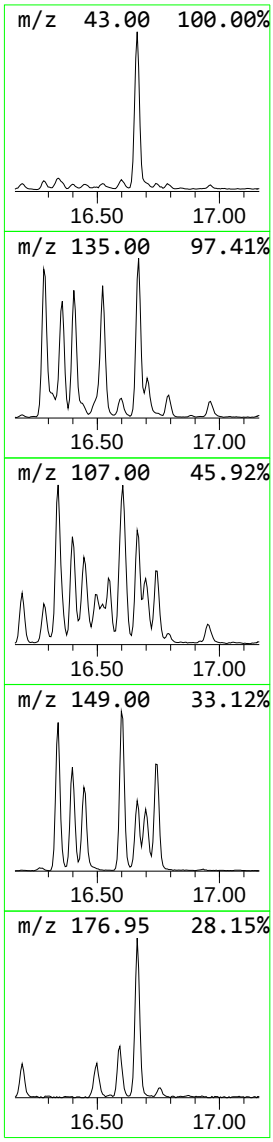
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Imidazo[1,2-c]pyrimidin-5-o... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.663	9.34 ng/ul	924856	Phenanthrene-d10	17.186

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Imidazo[1,2-c]pyrimidin-5-ol, ac...	177	C8H7N3O2	1000509-01-4	64
2	4-(7-Methyloctyl)phenol	220	C15H24O	024518-48-7	64
3	meso-Hexestrol, O,O'-bis(ethoxyc...	414	C24H30O6	1000487-68-5	53
4	Hexestrol, O-trifluoroacetyl-	366	C20H21F3O3	1000365-31-7	50
5	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	50





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Acq On : 08 Jun 2022 06:44
Operator : CG/JU
Sample : N3212-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F5A52

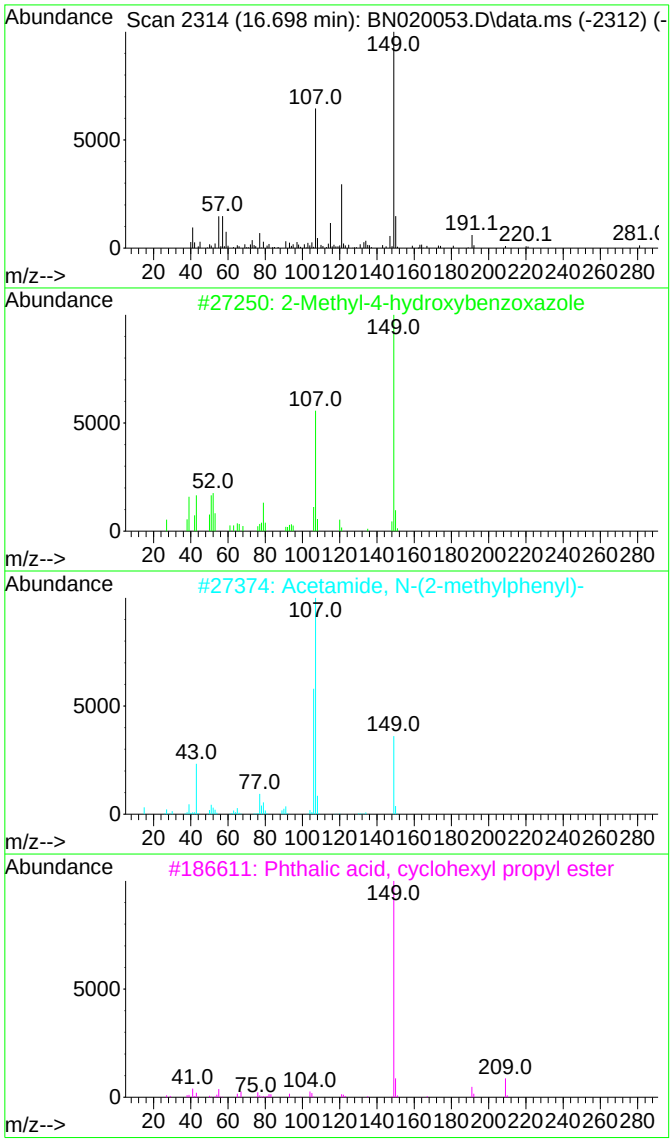
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN060622.M
Quant Title : SVOA CALIBRATION

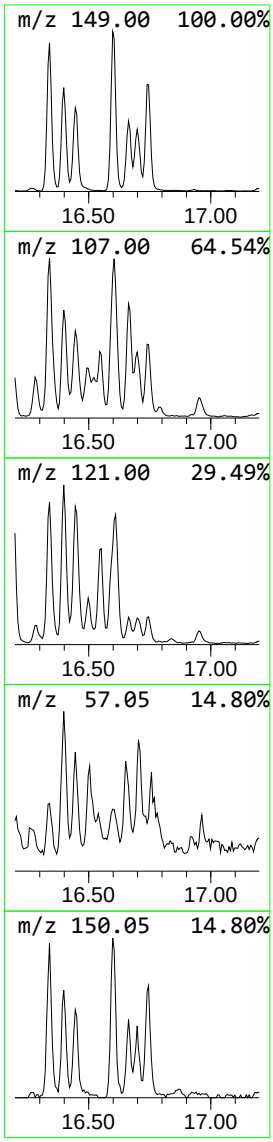
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 2-Methyl-4-hydroxybenzoxazole Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.698	3.01 ng/ul	297923	Phenanthrene-d10	17.186

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methyl-4-hydroxybenzoxazole	149	C8H7NO2	051110-60-2	64
2	Acetamide, N-(2-methylphenyl)-	149	C9H11NO	000120-66-1	64
3	Phthalic acid, cyclohexyl propyl...	290	C17H22O4	1000315-33-4	47
4	Phthalic acid, 3,4-dimethylpheny...	368	C23H28O4	1000309-82-7	47
5	Benzene, 1-(1,1-dimethylethyl)-4...	164	C11H16O	005396-38-3	47





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Acq On : 08 Jun 2022 06:44
Operator : CG/JU
Sample : N3212-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F5A52

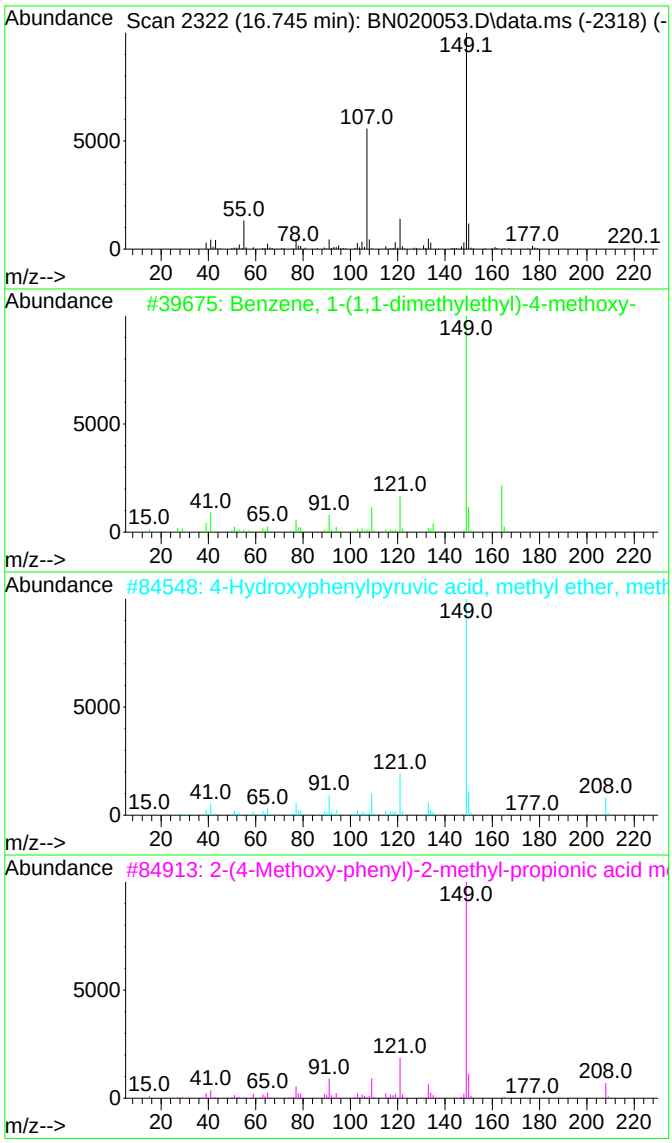
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN060622.M
Quant Title : SVOA CALIBRATION

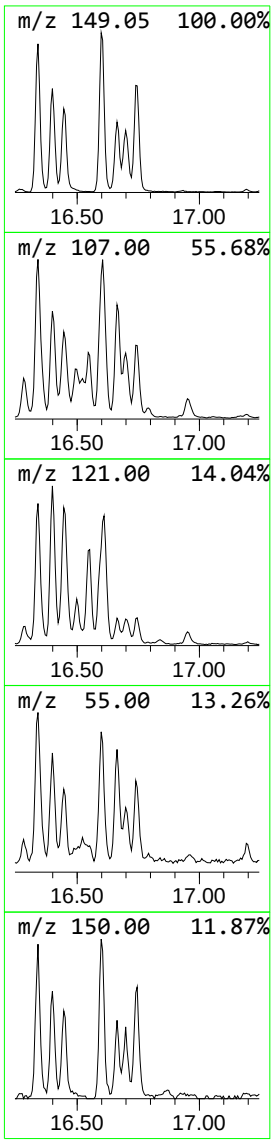
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Benzene, 1-(1,1-dimethyleth... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.745	3.21 ng/ul	317347	Phenanthrene-d10	17.186

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-(1,1-dimethylethyl)-4...	164	C11H16O	005396-38-3	50
2	4-Hydroxyphenylpyruvic acid, met...	208	C11H12O4	1000332-83-9	50
3	2-(4-Methoxy-phenyl)-2-methyl-pr...	208	C12H16O3	006274-50-6	50
4	Phenol, 4-(1,1-dimethylethyl)-2-...	164	C11H16O	000098-27-1	50
5	Benzoic acid, 2-(1-oxopropyl)-	178	C10H10O3	002360-45-4	50





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Acq On : 08 Jun 2022 06:44
Operator : CG/JU
Sample : N3212-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F5A52

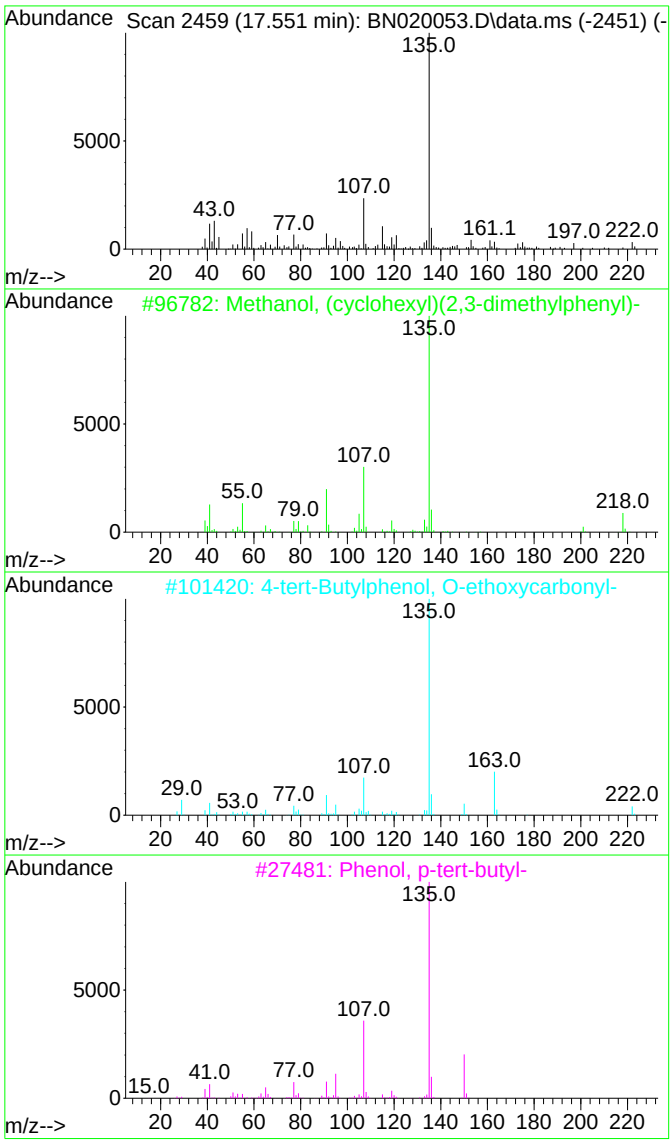
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN060622.M
Quant Title : SVOA CALIBRATION

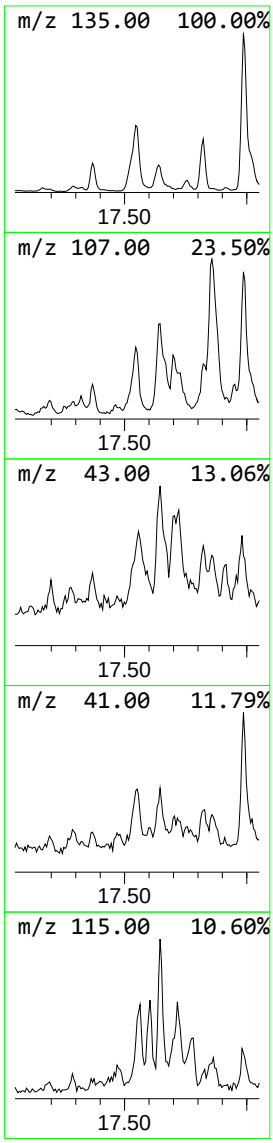
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Methanol, (cyclohexyl)(2,3-... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.551	2.33 ng/ul	230846	Phenanthrene-d10	17.186

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methanol, (cyclohexyl)(2,3-dimet...	218	C15H22O	349498-47-1	72
2	4-tert-Butylphenol, O-ethoxycarb...	222	C13H18O3	026177-66-2	64
3	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	64
4	((1,2-Diethylethylene)bis(p-phen...	354	C22H26O4	004547-76-6	59
5	1-Propanone, 1-(3-methoxyphenyl)-	164	C10H12O2	037951-49-8	59





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Acq On : 08 Jun 2022 06:44
Operator : CG/JU
Sample : N3212-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F5A52

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN060622.M
Quant Title : SVOA CALIBRATION

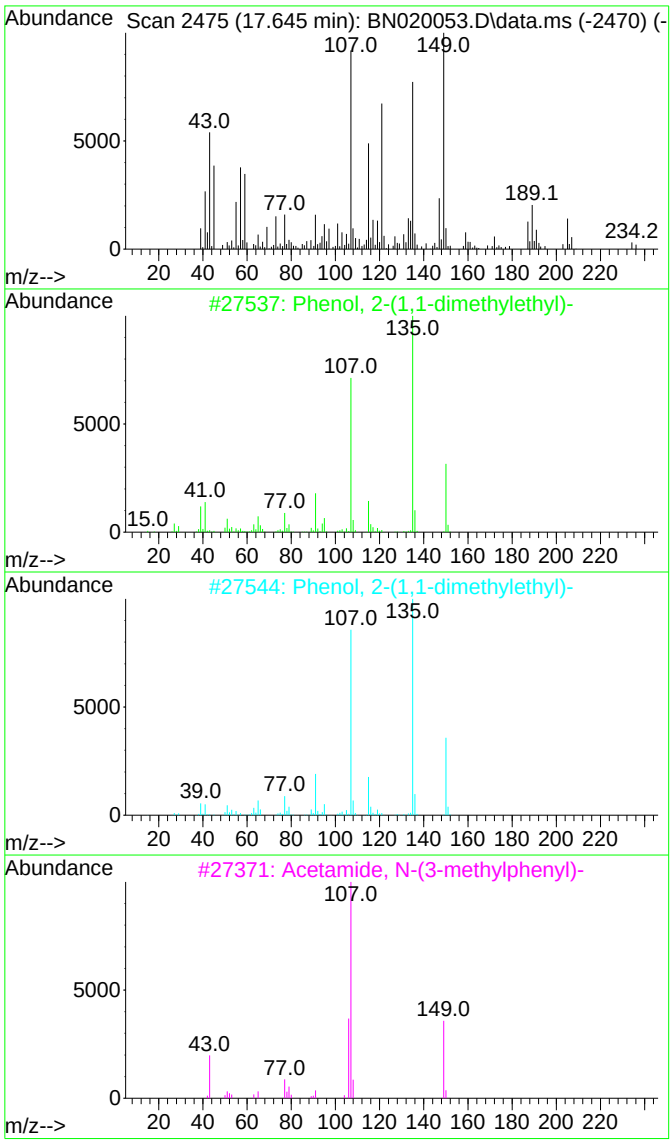
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

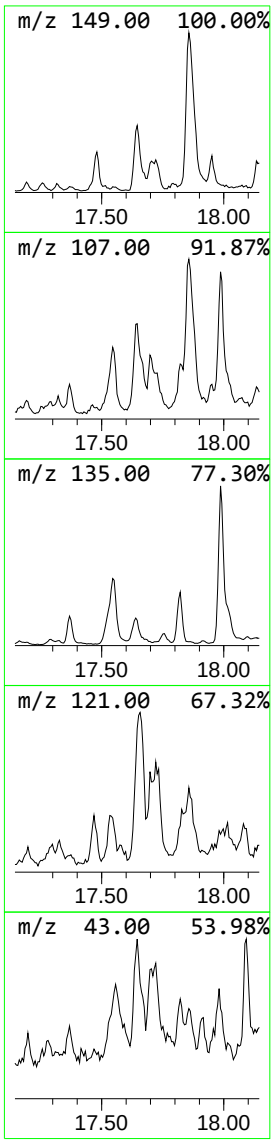
****

Peak Number 21 unknown-08 Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.645	2.18 ng/ul	215306	Phenanthrene-d10	17.186

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-(1,1-dimethylethyl)-	150	C10H14O	000088-18-6	38
2	Phenol, 2-(1,1-dimethylethyl)-	150	C10H14O	000088-18-6	30
3	Acetamide, N-(3-methylphenyl)-	149	C9H11NO	000537-92-8	30
4	Benzestrol	298	C20H26O2	000085-95-0	30
5	Acetamide, N-(3-methylphenyl)-	149	C9H11NO	000537-92-8	30





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Acq On : 08 Jun 2022 06:44
Operator : CG/JU
Sample : N3212-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F5A52

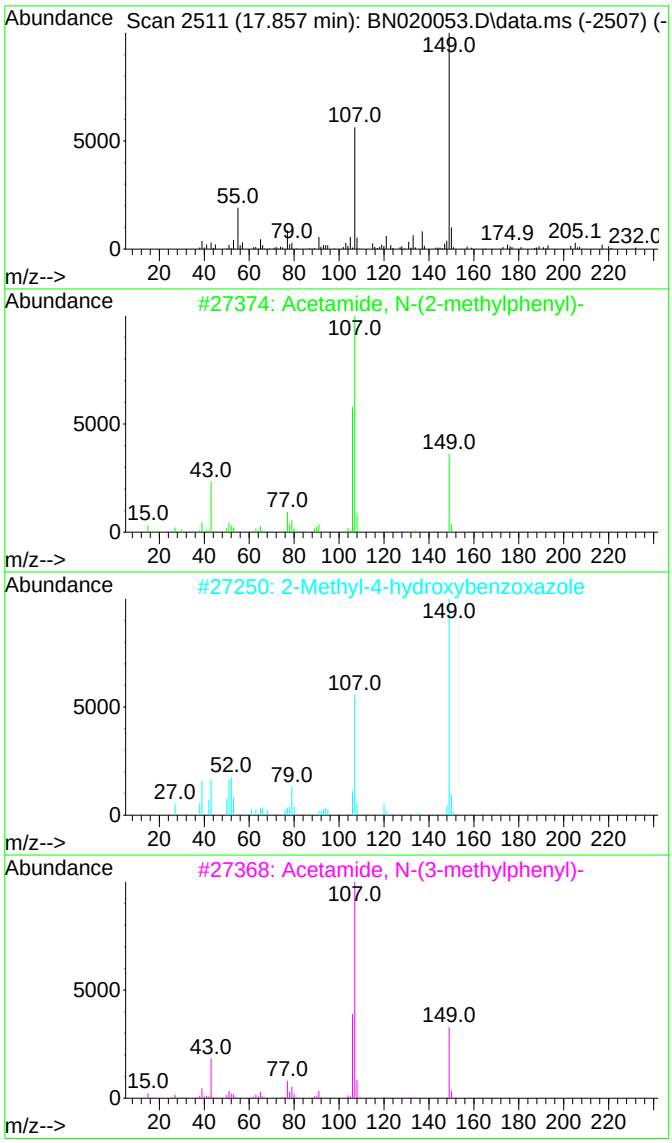
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN060622.M
Quant Title : SVOA CALIBRATION

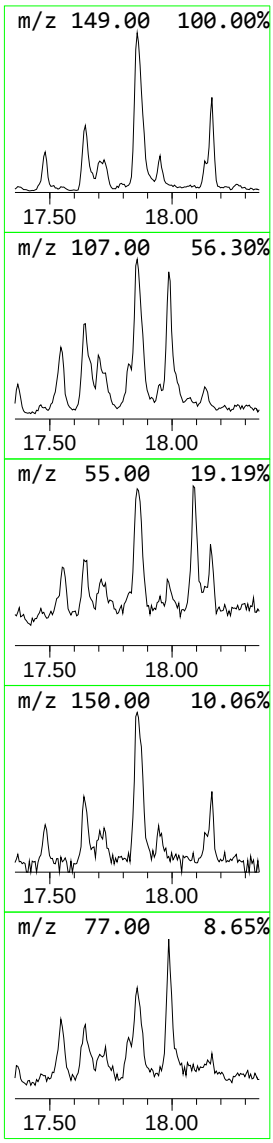
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 Acetamide, N-(2-methylphenyl)- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.857	2.45 ng/ul	242927	Phenanthrene-d10	17.186

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetamide, N-(2-methylphenyl)-	149	C9H11NO	000120-66-1	80
2	2-Methyl-4-hydroxybenzoxazole	149	C8H7NO2	051110-60-2	78
3	Acetamide, N-(3-methylphenyl)-	149	C9H11NO	000537-92-8	72
4	Acetamide, N-(3-methylphenyl)-	149	C9H11NO	000537-92-8	72
5	Acetamide, N-(4-methylphenyl)-	149	C9H11NO	000103-89-9	58





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Acq On : 08 Jun 2022 06:44
Operator : CG/JU
Sample : N3212-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F5A52

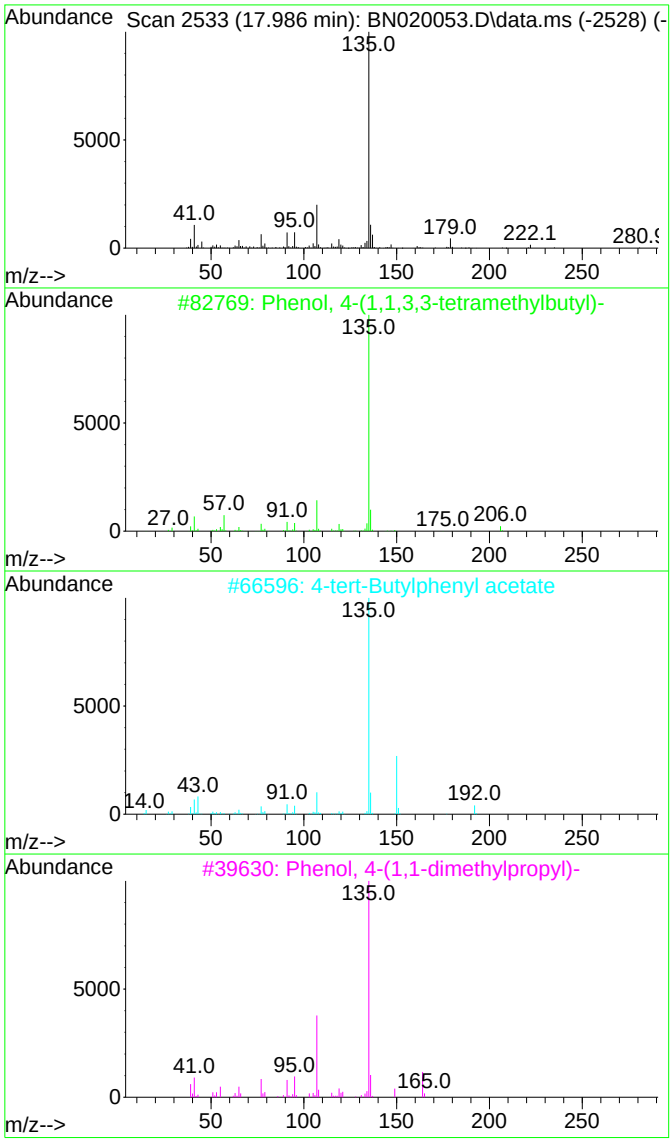
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN060622.M
Quant Title : SVOA CALIBRATION

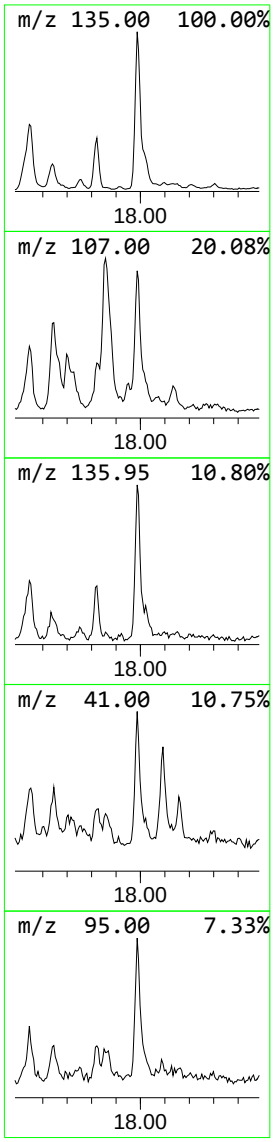
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 4-tert-Butylphenyl acetate Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.986	3.16 ng/ul	312788	Phenanthrene-d10	17.186

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	72
2	4-tert-Butylphenyl acetate	192	C12H16O2	003056-64-2	72
3	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	64
4	Phenol, 2-(1,1,3,3-tetramethylbu...	206	C14H22O	003884-95-5	64
5	4,4'-(1,2-diethylethylene)diphenol	270	C18H22O2	005635-50-7	64





Tentatively Identified Compound (LSC) summary

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Data File : BN020053.D
Acq On : 08 Jun 2022 06:44
Operator : CG/JU
Sample : N3212-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN060622.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
Benzene, chloro-	5.152	5.3	ng/ul	199970	1	7.822	751665	20.0
Benzene, 1,2-di...	8.175	2.9	ng/ul	109077	1	7.822	751665	20.0
unknown-01	11.757	2.2	ng/ul	131192	2	10.610	1177420	20.0
unknown-02	11.799	2.6	ng/ul	155809	2	10.610	1177420	20.0
unknown-03	12.334	3.4	ng/ul	199902	2	10.610	1177420	20.0
unknown-04	12.598	2.2	ng/ul	183657	3	14.445	1639160	20.0
Phenol, p-tert-...	14.898	10.2	ng/ul	834811	3	14.445	1639160	20.0
2,2,4-Trimethyl...	15.257	3.6	ng/ul	292725	3	14.445	1639160	20.0
unknown-05	16.198	4.9	ng/ul	489219	4	17.186	1979700	20.0
Phenol, 4-(1,1,...	16.281	3.7	ng/ul	369999	4	17.186	1979700	20.0
unknown-06	16.339	8.7	ng/ul	865145	4	17.186	1979700	20.0
4-(7-Methylocty...	16.398	7.0	ng/ul	691339	4	17.186	1979700	20.0
Phenol, 2-(1,1-...	16.445	4.5	ng/ul	448067	4	17.186	1979700	20.0
Phenol, 2-(1,1,...	16.522	5.1	ng/ul	502392	4	17.186	1979700	20.0
unknown-07	16.545	2.5	ng/ul	246997	4	17.186	1979700	20.0
1-(6-Methyl-2-p...	16.604	7.9	ng/ul	783695	4	17.186	1979700	20.0
Imidazo[1,2-c]p...	16.663	9.3	ng/ul	924856	4	17.186	1979700	20.0
2-Methyl-4-hydr...	16.698	3.0	ng/ul	297923	4	17.186	1979700	20.0
Benzene, 1-(1,1...	16.745	3.2	ng/ul	317347	4	17.186	1979700	20.0
Methanol, (cycl...	17.551	2.3	ng/ul	230846	4	17.186	1979700	20.0
unknown-08	17.645	2.2	ng/ul	215306	4	17.186	1979700	20.0
Acetamide, N-(2...	17.857	2.5	ng/ul	242927	4	17.186	1979700	20.0
4-tert-Butylphe...	17.986	3.2	ng/ul	312788	4	17.186	1979700	20.0