LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111423\
Data File : BN028618.D
Acq On : 15 Nov 2023 00:56
Operator : MA/JU
Sample : 05338-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GCDK6

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-BN111423.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BN028618.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.117	3	5	8	rBV2	44324	45510	0.58%	0.065%
2	3.576	79	83	96	rBV	77362	222155	2.83%	0.317%
3	4.411	220	225	238	rVB3	37273	74779	0.95%	0.107%
4	6.928	638	653	660	rBV3	50202	226330	2.88%	0.323%
5	7.040	667	672	698	rBV	362729	994803	12.66%	1.419%
6	7.228	698	704	734	rVB	506073	1290145	16.42%	1.841%
7	7.699	777	784	810	rBV	363889	1089540	13.87%	1.554%
8	8.340	888	893	900	rVB10	3655	8435	0.11%	0.012%
9	8.428	900	908	928	rBV	205244	874969	11.14%	1.248%
10	8.864	975	982	1014	rBV	524607	1675694	21.33%	2.391%
11	9.287	1052	1054	1059	rVB6	11400	15244	0.19%	0.022%
12	9.581	1097	1104	1133	rBV	423797	1226915	15.62%	1.750%
13	10.116	1189	1195	1216	rBV	543764	1656156	21.08%	2.363%
14	10.487	1251	1258	1279	rBV	854689	1846559	23.51%	2.634%
15	10.652	1280	1286	1305	rBV	210630	846856	10.78%	1.208%
16	11.334	1394	1402	1406	rBV6	15249	43137	0.55%	0.062%
17	11.787	1474	1479	1485	rVB10	8054	15783	0.20%	0.023%
18	12.728	1628	1639	1644	rBV6	16467	47340	0.60%	0.068%
19	12.963	1672	1679	1683	rVB9	6937	14539	0.19%	0.021%
20	13.193	1713	1718	1723	rBV	31798	54221	0.69%	0.077%
21	13.252	1723	1728	1737	rVB	99192	165183	2.10%	0.236%
22	13.704	1792	1805	1810	rBV2	153795	565922	7.20%	0.807%
23	13.763	1810	1815	1834	rVB	2789768	4321804	55.01%	6.166%
24	14.034	1854	1861	1885	rBV	2994480	4819960	61.36%	6.877%
25	14.263	1897	1900	1905	rVB6	6806	11593	0.15%	0.017%
26	14.340	1905	1913	1932	rBV	1631117	2615133	33.29%	3.731%
27	14.757	1979	1984	1987	rBV7	6594	14398	0.18%	0.021%
28	15.004	2021	2026	2035	rBV	66150	109505	1.39%	0.156%
29	15.163	2048	2053	2058	rBV5	20474	34645	0.44%	0.049%
30	15.257	2066	2069	2075	rVB3	11740	16261	0.21%	0.023%
31	15.340	2076	2083	2099	rBV	3643058	6026843	76.72%	8.598%
32	15.463	2099	2104	2121	rVB	745165	1442480	18.36%	2.058%
33	15.793	2155	2160	2163	rBV2	87878	126053	1.60%	0.180%
34	15.828	2163	2166	2170	rVV2	60215	84548	1.08%	0.121%
35	15.875	2171	2174	2178	rVV3	16508	25082	0.32%	0.036%
36	15.916	2178	2181	2184	rVB4	12436	13757	0.18%	0.020%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111423\
Data File : BN028618.D
Acq On : 15 Nov 2023 00:56
Operator : MA/JU
Sample : 05338-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GCDK6

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-BN111423.MA.M
Title : SVOA CALIBRATION

37	16.093	2206	2211	2216	rBV	171599	228321	2.91%	0.326%
38	16.187	2221	2227	2231	rBV	549631	762808	9.71%	1.088%
39	16.245	2232	2237	2243	rVV2	701754	1410345	17.95%	2.012%
40	16.304	2243	2247	2251	rVV2	595963	955754	12.17%	1.364%
41	16.345	2251	2254	2259	rVV	319157	442693	5.64%	0.632%
42	16.404	2259	2264	2266	rVV	167666	275609	3.51%	0.393%
43	16.422	2266	2267	2270	rVV	167690	192847	2.45%	0.275%
44	16.451	2270	2272	2276	rVV	155532	178444	2.27%	0.255%
45	16.504	2276	2281	2288	rVV3	370575	701984	8.94%	1.002%
46	16.569	2288	2292	2296	rVV	541335	773630	9.85%	1.104%
47	16.610	2297	2299	2302	rVV	159114	216591	2.76%	0.309%
48	16.645	2302	2305	2313	rVB	272506	359018	4.57%	0.512%
49	16.698	2313	2314	2324	rVB9	12028	15961	0.20%	0.023%
50	16.787	2324	2329	2330	rBV3	18556	24172	0.31%	0.034%
51	16.975	2354	2361	2366	rVB6	17643	39424	0.50%	0.056%
52	17.092	2375	2381	2392	rBV	1649385	2792701	35.55%	3.984%
53	17.192	2392	2398	2420	rVV2	3861403	6381537	81.23%	9.104%
54	17.492	2445	2449	2452	rBV3	21207	29805	0.38%	0.043%
55	17.522	2452	2454	2458	rVV5	20060	25028	0.32%	0.036%
56	17.581	2461	2464	2471	rVB4	20984	28272	0.36%	0.040%
57	17.663	2475	2478	2482	rVB6	11598	14890	0.19%	0.021%
58	17.710	2483	2486	2488	rBV4	13829	14559	0.19%	0.021%
59	17.769	2493	2496	2501	rBV	77024	103769	1.32%	0.148%
60	17.816	2501	2504	2511	rVB	19217	32506	0.41%	0.046%
61	17.881	2511	2515	2517	rBV2	9155	13902	0.18%	0.020%
62	18.016	2534	2538	2539	rBV3	20685	21288	0.27%	0.030%
63	18.222	2568	2573	2583	rBV3	53833	106724	1.36%	0.152%
64	19.057	2711	2715	2720	rBV2	48967	67074	0.85%	0.096%
65	19.134	2724	2728	2734	rBV	38597	72481	0.92%	0.103%
66	19.492	2784	2789	2814	rBV	5386860	7855709	100.00%	11.208%
67	21.298	3092	3096	3113	rBV	1715623	2901763	36.94%	4.140%
68	23.451	3455	3462	3472	rBV	3768311	7455624	94.91%	10.637%
69	23.598	3481	3487	3500	rVB	1408152	2935153	37.36%	4.188%

Sum of corrected areas: 70092663

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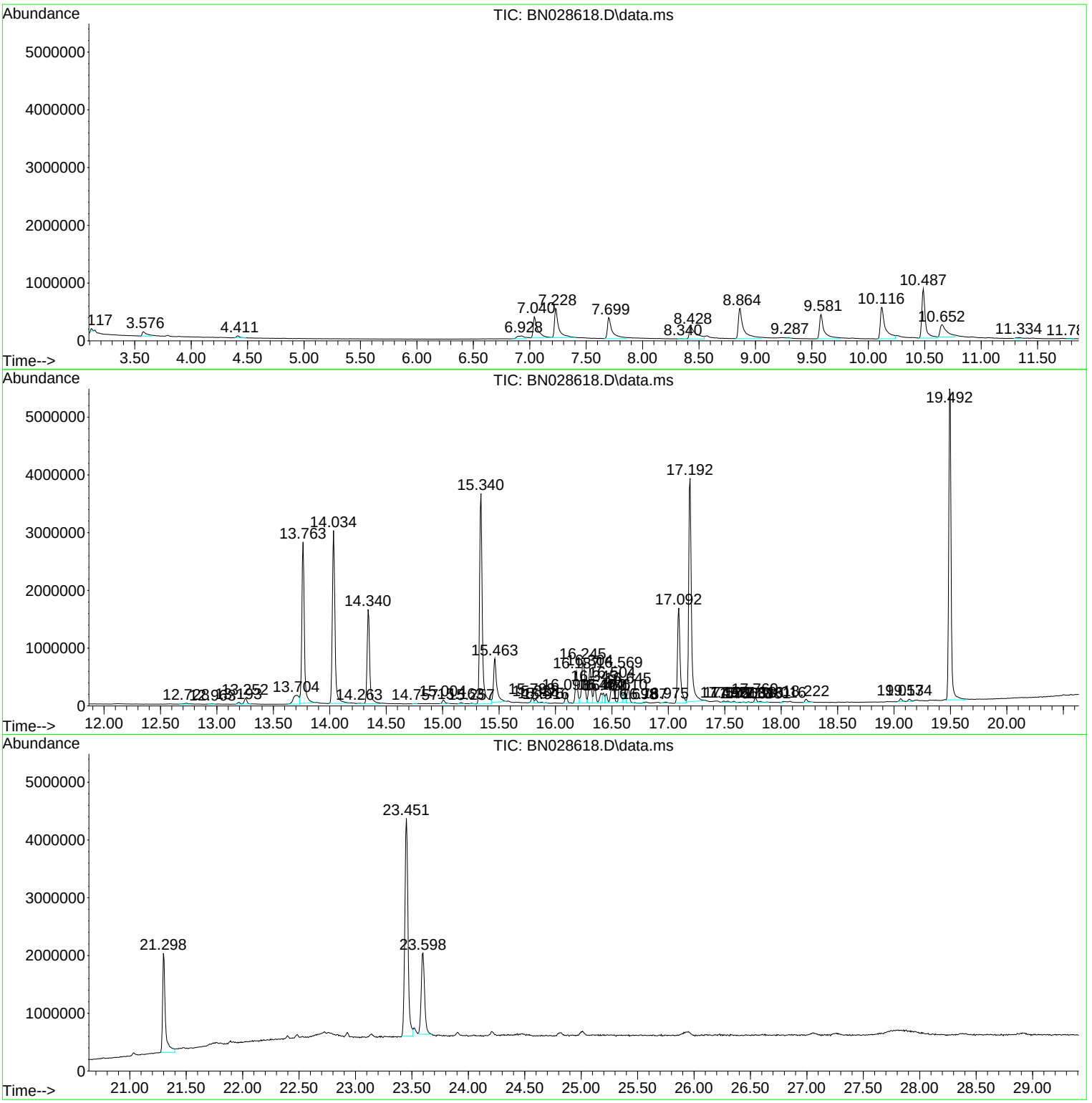
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GCDK6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN111423.MA.M
Quant Title : SVOA CALIBRATION

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



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ClientSampleId :
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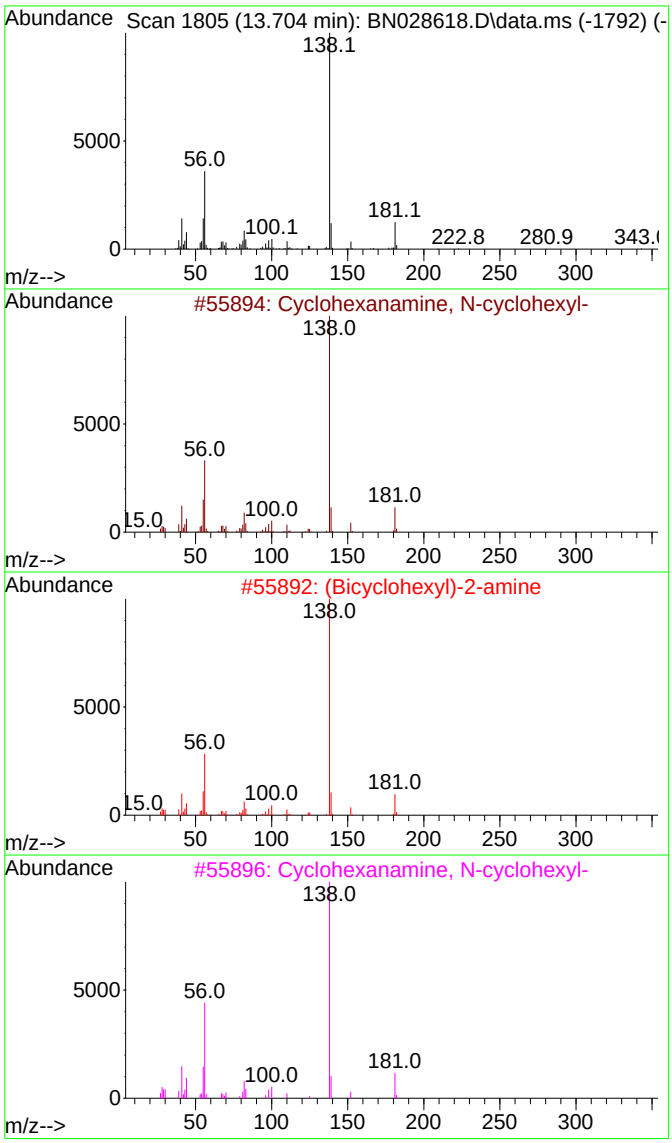
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN111423.MA.M
Quant Title : SVOA CALIBRATION

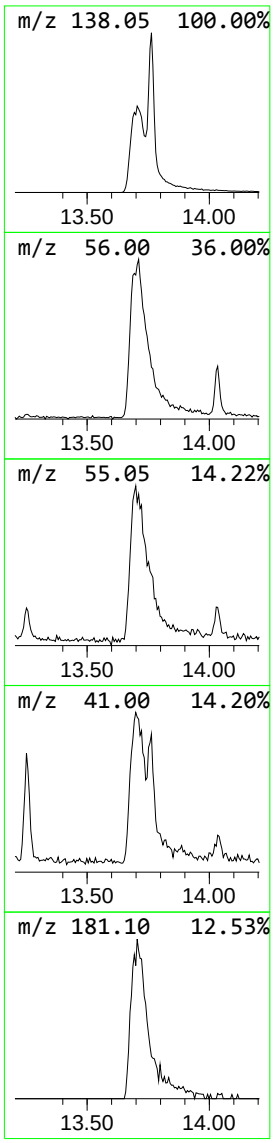
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Cyclohexanamine, N-cyclohexyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.704	4.33 ng/ul	565922	Acenaphthene-d10	14.340

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanamine, N-cyclohexyl-	181	C12H23N	000101-83-7	96
2	(Bicyclohexyl)-2-amine	181	C12H23N	006283-14-3	96
3	Cyclohexanamine, N-cyclohexyl-	181	C12H23N	000101-83-7	95
4	Cyclohexanamine, N-cyclohexyl-	181	C12H23N	000101-83-7	95
5	Cyclohexanamine, N-cyclohexyl-	181	C12H23N	000101-83-7	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111423\
Data File : BN028618.D
Acq On : 15 Nov 2023 00:56
Operator : MA/JU
Sample : 05338-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GCDK6

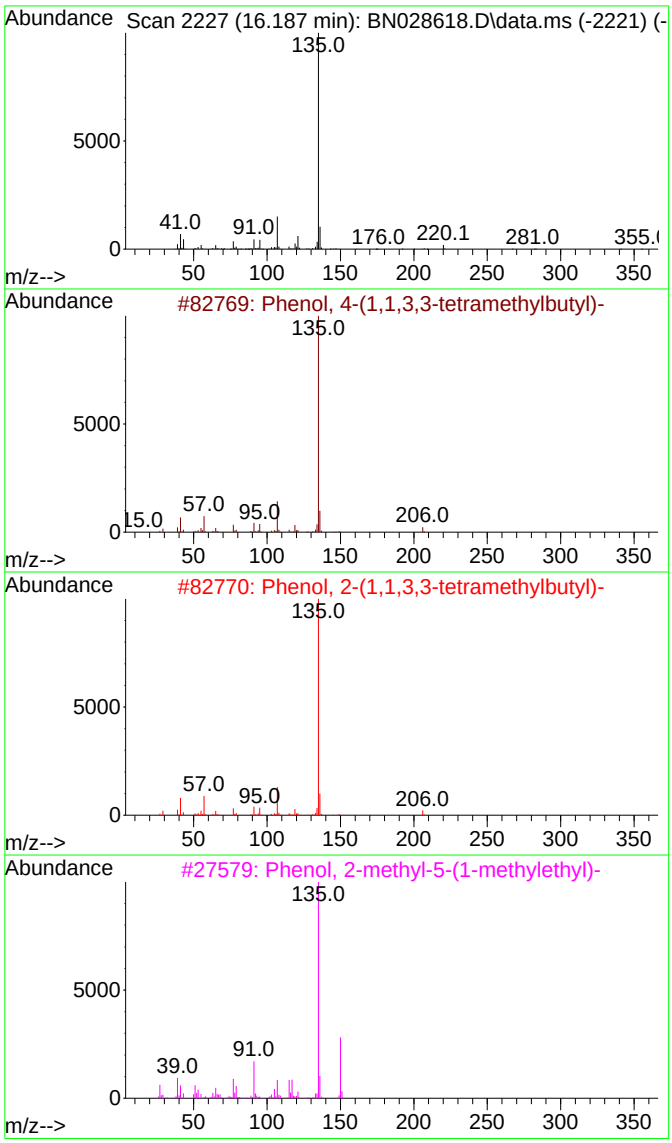
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN111423.MA.M
Quant Title : SVOA CALIBRATION

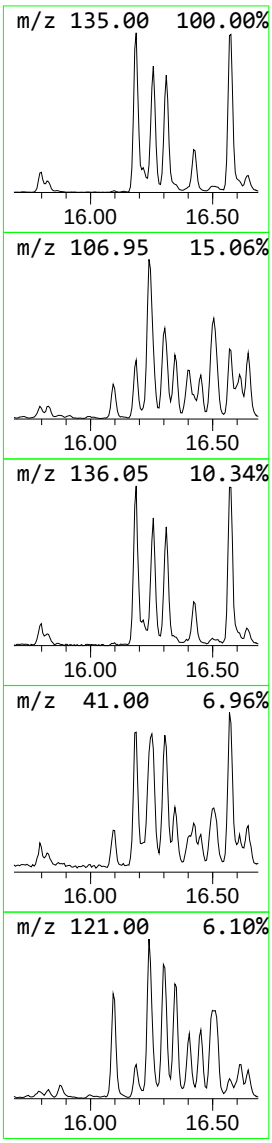
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Phenol, 4-(1,1,3,3-tetramet... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.187	5.46 ng/ul	762808	Phenanthrene-d10	17.093

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-methyl-5-(1-methylethyl)-	150	C10H14O	000499-75-2	78
4	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	78
5	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	78





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111423\
Data File : BN028618.D
Acq On : 15 Nov 2023 00:56
Operator : MA/JU
Sample : 05338-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GCDK6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN111423.MA.M
Quant Title : SVOA CALIBRATION

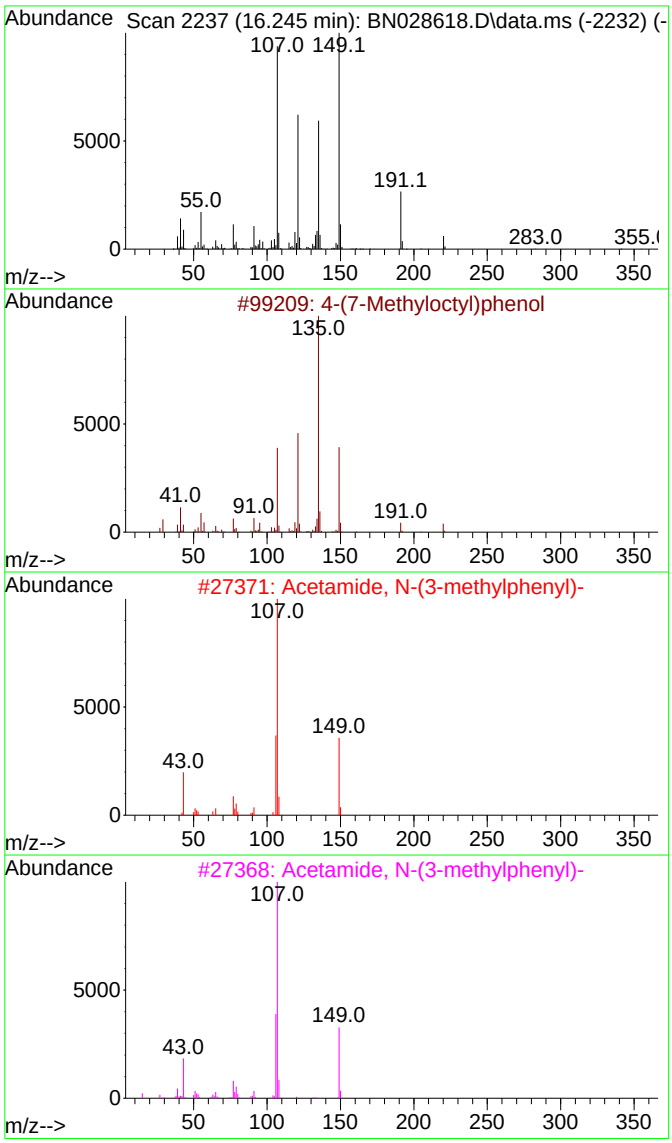
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

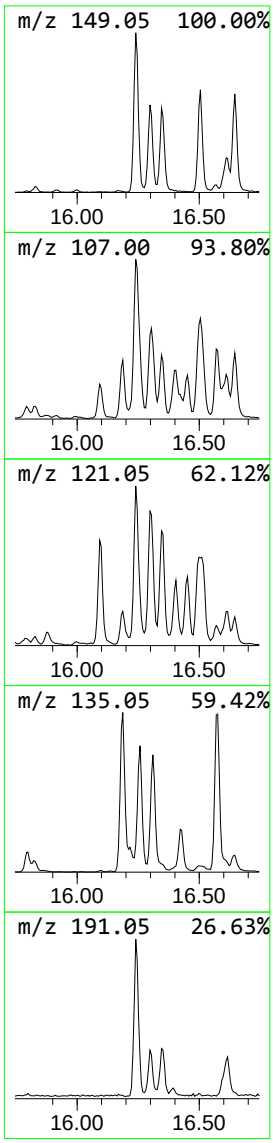
****

Peak Number 3 unknown-01 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.246	10.10 ng/ul	1410350	Phenanthrene-d10	17.093

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-(7-Methyloctyl)phenol	220	C15H24O	024518-48-7	46
2	Acetamide, N-(3-methylphenyl)-	149	C9H11NO	000537-92-8	43
3	Acetamide, N-(3-methylphenyl)-	149	C9H11NO	000537-92-8	43
4	Pyridine-3-carbonitrile, 1,2-dih...	191	C9H9N3O2	220098-92-0	38
5	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	38





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GCDK6

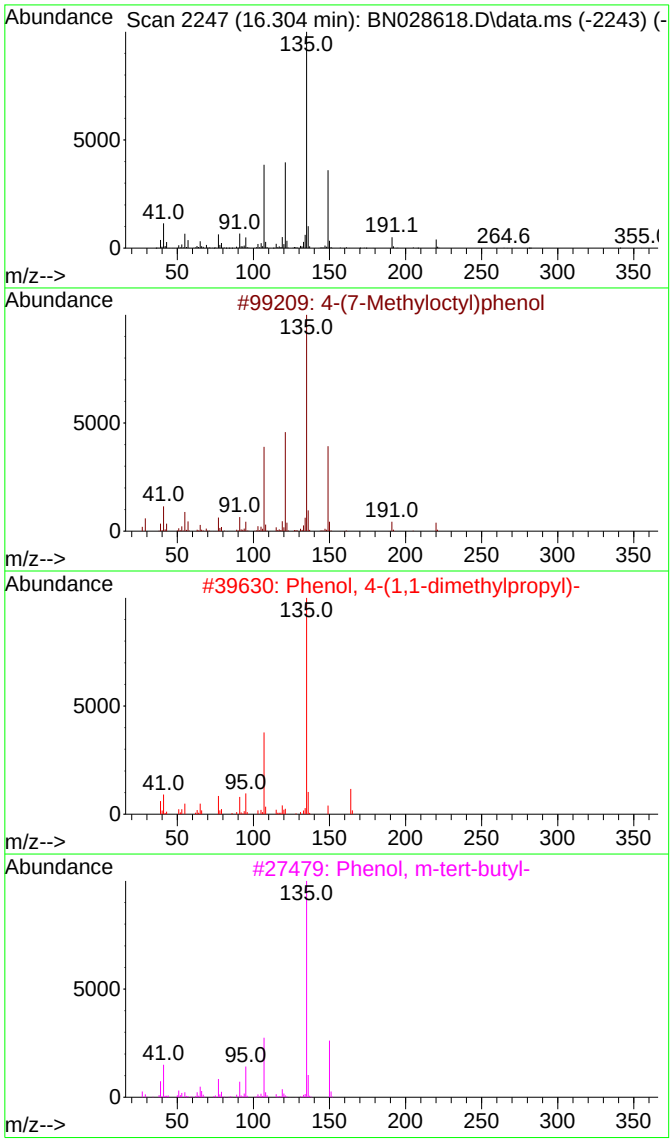
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN111423.MA.M
Quant Title : SVOA CALIBRATION

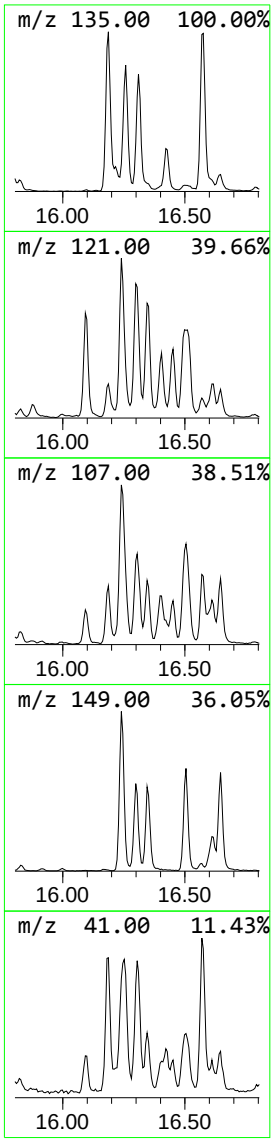
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 4-(7-Methyloctyl)phenol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.304	6.84 ng/ul	955754	Phenanthrene-d10	17.093

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-(7-Methyloctyl)phenol	220	C15H24O	024518-48-7	98
2	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	64
3	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	64
4	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	64
5	meso-Hexestrol, O,O'-bis(n-propy...	442	C26H34O6	1000487-65-0	59





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ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GCDK6

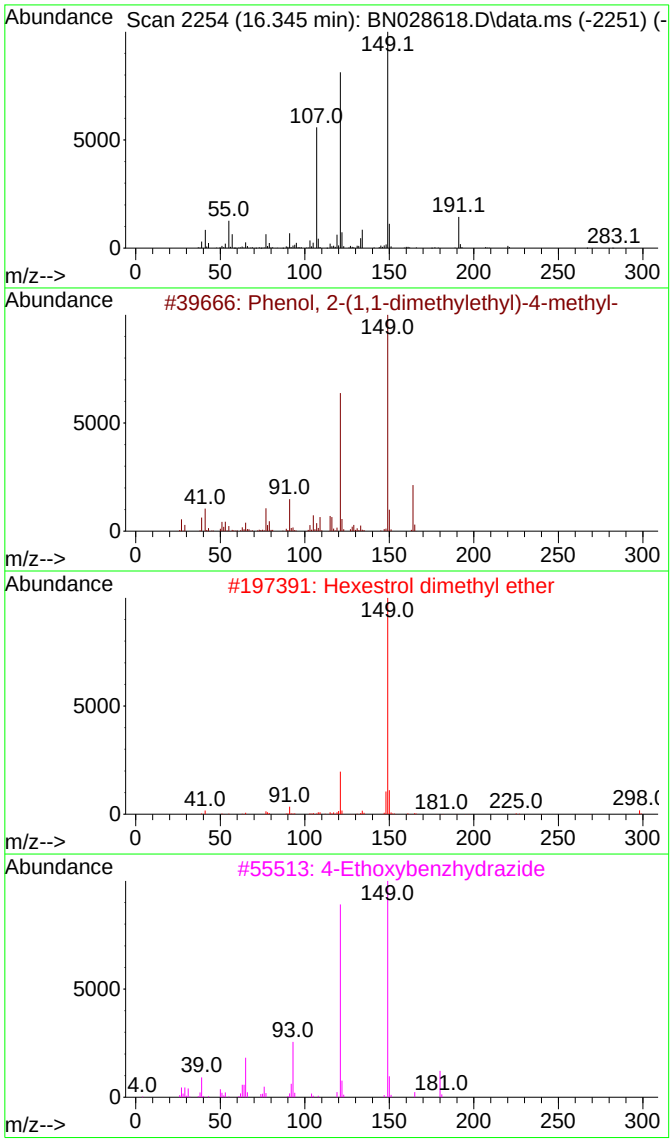
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN111423.MA.M
Quant Title : SVOA CALIBRATION

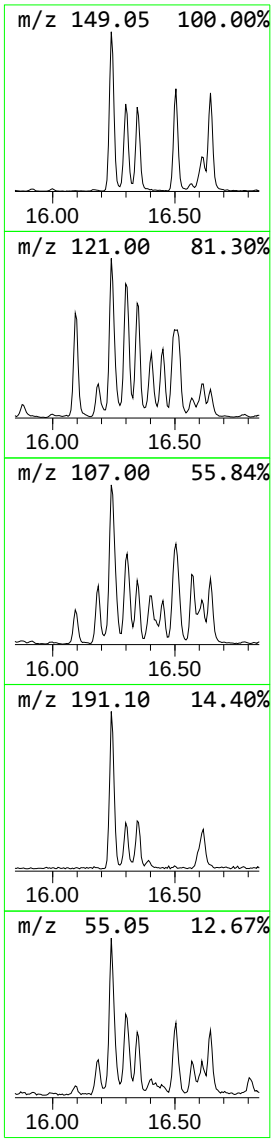
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Phenol, 2-(1,1-dimethylethy... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.346	3.17 ng/ul	442693	Phenanthrene-d10	17.093

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-(1,1-dimethylethyl)-4-...	164	C11H16O	002409-55-4	59
2	Hexestrol dimethyl ether	298	C20H26O2	000130-78-9	59
3	4-Ethoxybenzhydrazide	180	C9H12N2O2	058586-81-5	53
4	Acetamide, N-(3-methylphenyl)-	149	C9H11NO	000537-92-8	46
5	Acetamide, N-(3-methylphenyl)-	149	C9H11NO	000537-92-8	46





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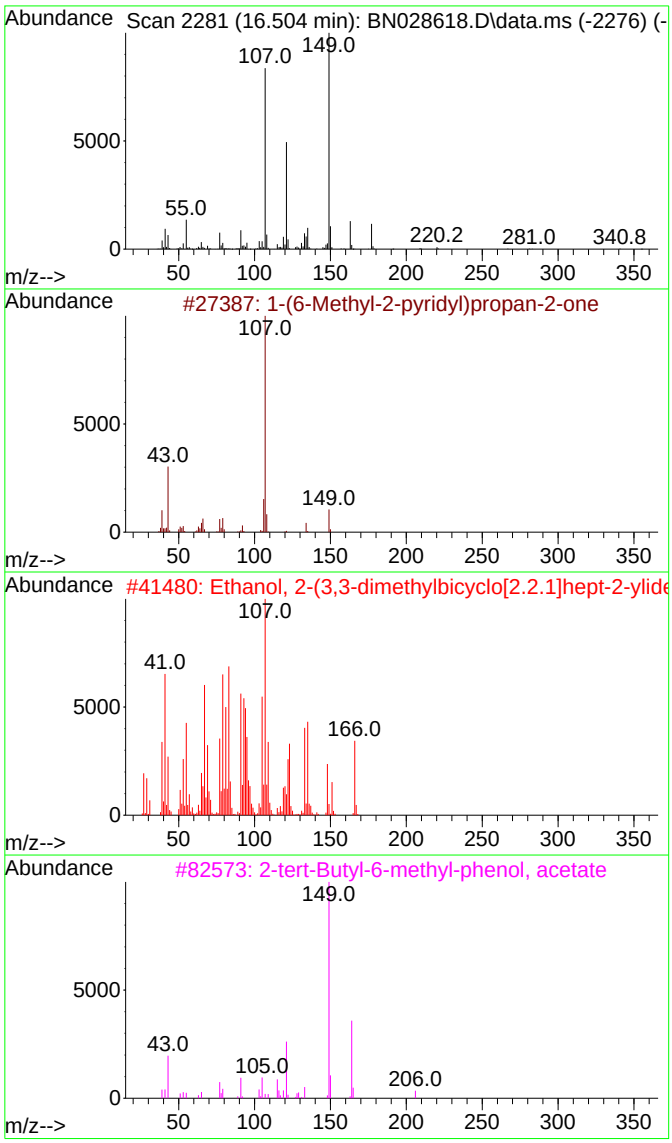
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN111423.MA.M
Quant Title : SVOA CALIBRATION

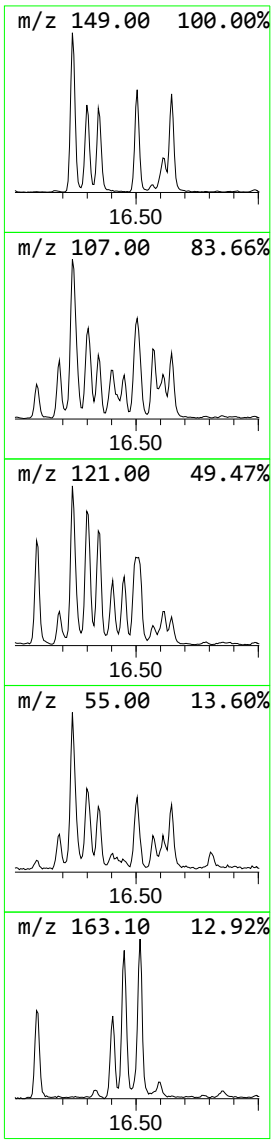
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 1-(6-Methyl-2-pyridyl)propa... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.504	5.03 ng/ul	701984	Phenanthrene-d10	17.093

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	Ethanol, 2-(3,3-dimethylbicyclo[...	166	C11H18O	002226-05-3	42
3	2-tert-Butyl-6-methyl-phenol, ac...	206	C13H18O2	125829-28-9	35
4	Hexestrol dimethyl ether	298	C20H26O2	000130-78-9	35
5	1,2-propanedione,1-(3,4-methylen...	192	C10H8O4	1000378-93-0	35





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Sample : 05338-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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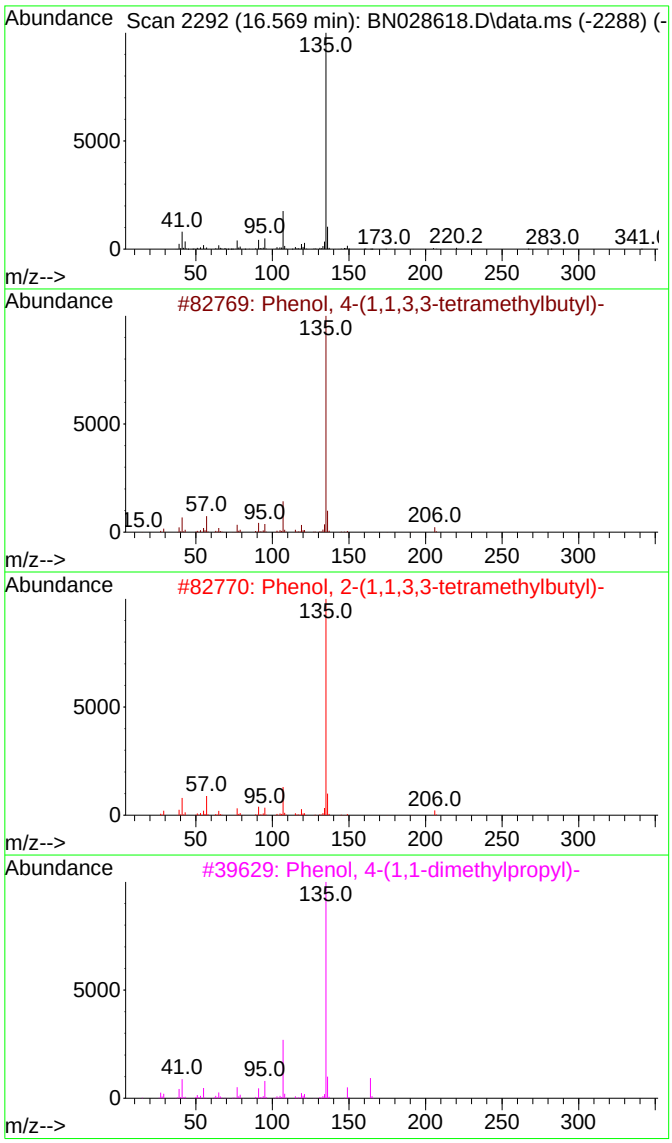
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN111423.MA.M
Quant Title : SVOA CALIBRATION

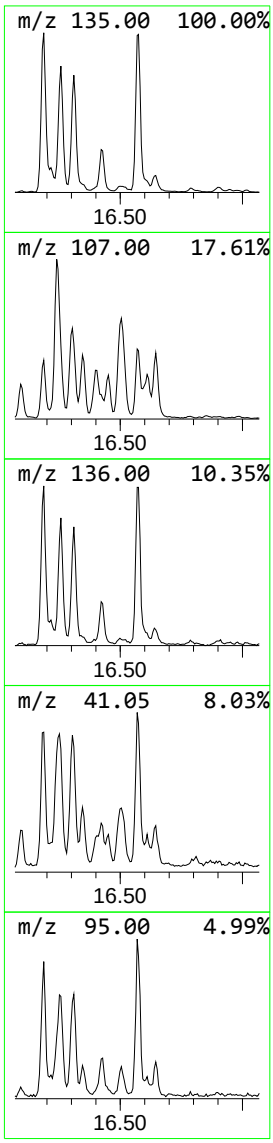
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.569	5.54 ng/ul	773630	Phenanthrene-d10	17.093

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	78
3	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	78
4	Phenol, 2-(1,1,3,3-tetramethylbu...	206	C14H22O	003884-95-5	78
5	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	78





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111423\
Data File : BN028618.D
Acq On : 15 Nov 2023 00:56
Operator : MA/JU
Sample : 05338-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GCDK6

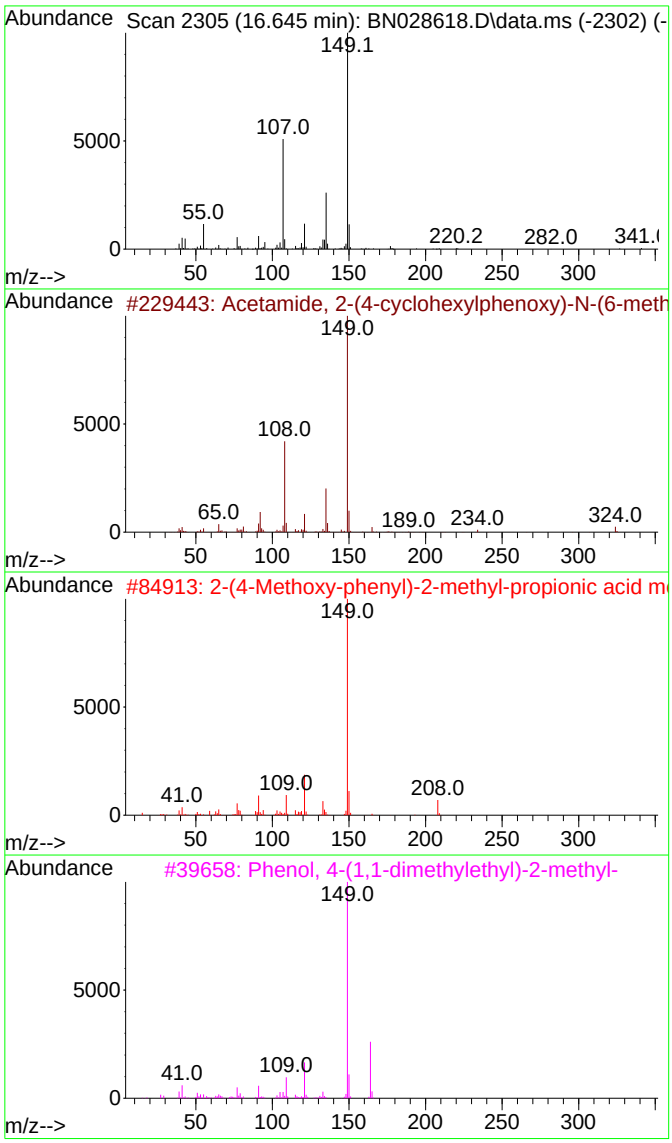
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN111423.MA.M
Quant Title : SVOA CALIBRATION

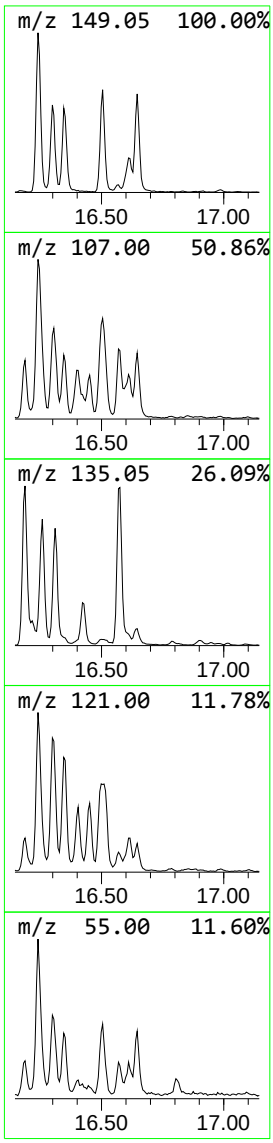
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Acetamide, 2-(4-cyclohexylp... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.645	2.57 ng/ul	359018	Phenanthrene-d10	17.093

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetamide, 2-(4-cyclohexylphenox...	324	C20H24N2O2	1000263-95-6	53
2	2-(4-Methoxy-phenyl)-2-methyl-pr...	208	C12H16O3	006274-50-6	47
3	Phenol, 4-(1,1-dimethylethyl)-2-...	164	C11H16O	000098-27-1	47
4	2-tert-Butyl-6-methylphenol, n-p...	234	C16H26O	1000395-18-9	47
5	4-Hydroxyphenylpyruvic acid, met...	208	C11H12O4	1000332-83-9	47





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111423\
Data File : BN028618.D
Acq On : 15 Nov 2023 00:56
Operator : MA/JU
Sample : 05338-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GCDK6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN111423.MA.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...	13.704	4.3	ng/ul	565922	3	14.340	2615130	20.0
Phenol, 4-(1,1,...	16.187	5.5	ng/ul	762808	4	17.093	2792700	20.0
unknown-01	16.246	10.1	ng/ul	1410350	4	17.093	2792700	20.0
4-(7-Methylocty...	16.304	6.8	ng/ul	955754	4	17.093	2792700	20.0
Phenol, 2-(1,1-...	16.346	3.2	ng/ul	442693	4	17.093	2792700	20.0
1-(6-Methyl-2-p...	16.504	5.0	ng/ul	701984	4	17.093	2792700	20.0
Phenol, 2-(1,1,...	16.569	5.5	ng/ul	773630	4	17.093	2792700	20.0
Acetamide, 2-(4...	16.645	2.6	ng/ul	359018	4	17.093	2792700	20.0