LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111423\
Data File : BN028620.D
Acq On : 15 Nov 2023 02:07
Operator : MA/JU
Sample : 05337-19
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GCDK5

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: BN028620.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.146	6	10	21	rVB2	51660	90575	1.18%	0.120%
2	3.581	80	84	95	rBV2	41684	126265	1.64%	0.167%
3	3.793	116	120	124	rVB2	21554	31827	0.41%	0.042%
4	4.416	223	226	234	rVB8	11265	17761	0.23%	0.023%
5	6.934	637	654	660	rBV3	43794	187746	2.44%	0.248%
6	7.040	667	672	696	rBV	302504	900703	11.73%	1.192%
7	7.228	698	704	732	rVV	449196	1195609	15.57%	1.582%
8	7.699	778	784	813	rBV	403137	1204746	15.69%	1.594%
9	8.428	901	908	926	rBV2	184888	763208	9.94%	1.010%
10	8.863	974	982	1015	rBV	474371	1564896	20.38%	2.070%
11	9.216	1038	1042	1043	rBV4	6845	8299	0.11%	0.011%
12	9.287	1051	1054	1062	rVB3	27485	42240	0.55%	0.056%
13	9.581	1097	1104	1126	rBV	373595	1101628	14.34%	1.457%
14	10.116	1188	1195	1218	rBV	554713	1742861	22.69%	2.306%
15	10.487	1251	1258	1275	rBV	973478	2044046	26.61%	2.704%
16	10.651	1280	1286	1303	rBV	179532	720876	9.39%	0.954%
17	10.775	1303	1307	1315	rVB2	62794	137617	1.79%	0.182%
18	10.934	1328	1334	1344	rVB4	87362	218014	2.84%	0.288%
19	11.081	1354	1359	1375	rVB4	62303	191667	2.50%	0.254%
20	11.275	1388	1392	1395	rBV5	19274	29700	0.39%	0.039%
21	11.357	1395	1406	1413	rVV4	128932	427492	5.57%	0.566%
22	11.428	1414	1418	1421	rVV2	46358	80583	1.05%	0.107%
23	11.469	1421	1425	1431	rVB2	55684	98128	1.28%	0.130%
24	11.669	1453	1459	1461	rBV7	7920	14762	0.19%	0.020%
25	11.716	1463	1467	1471	rVV7	9435	17827	0.23%	0.024%
26	11.787	1474	1479	1486	rVB3	26455	48984	0.64%	0.065%
27	12.710	1630	1636	1638	rBV5	9369	18942	0.25%	0.025%
28	12.957	1672	1678	1681	rBV6	7245	12846	0.17%	0.017%
29	13.198	1710	1719	1723	rBV	24307	44014	0.57%	0.058%
30	13.251	1723	1728	1738	rVV	322893	513639	6.69%	0.680%
31	13.622	1781	1791	1798	rBV	2488774	6241385	81.27%	8.257%
32	13.763	1809	1815	1854	rVB	3070433	7309575	95.17%	9.670%
33	14.034	1855	1861	1884	rVB	2925065	4637189	60.38%	6.135%
34	14.263	1898	1900	1905	rVB6	8487	9579	0.12%	0.013%
35	14.339	1907	1913	1936	rVV	1926943	3030903	39.46%	4.010%
36	15.004	2022	2026	2032	rBV3	11934	20656	0.27%	0.027%

LSC Area Percent Report

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Acq On : 15 Nov 2023 02:07
Operator : MA/JU
Sample : 05337-19
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GCDK5

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	15.157	2047	2052	2059	rBV2	33828	60768	0.79%	0.080%
38	15.251	2064	2068	2072	rVB4	5922	7845	0.10%	0.010%
39	15.339	2076	2083	2099	rBV	3560493	5953170	77.51%	7.876%
40	15.463	2099	2104	2120	rVB	840979	1540762	20.06%	2.038%
41	15.792	2155	2160	2164	rBV2	50993	78350	1.02%	0.104%
42	15.828	2164	2166	2171	rVB2	25169	28641	0.37%	0.038%
43	16.092	2206	2211	2221	rBV	126815	179079	2.33%	0.237%
44	16.186	2221	2227	2231	rBV	280301	383096	4.99%	0.507%
45	16.245	2232	2237	2243	rVV2	358381	638255	8.31%	0.844%
46	16.304	2243	2247	2251	rVV2	276243	400865	5.22%	0.530%
47	16.345	2251	2254	2259	rVB	180818	235713	3.07%	0.312%
48	16.404	2259	2264	2265	rBV	93048	119497	1.56%	0.158%
49	16.451	2269	2272	2276	rVB	87878	111056	1.45%	0.147%
50	16.504	2276	2281	2288	rVB4	211121	414605	5.40%	0.549%
51	16.569	2288	2292	2296	rBV	258886	365620	4.76%	0.484%
52	16.645	2302	2305	2312	rVB	145224	202009	2.63%	0.267%
53	16.781	2324	2328	2333	rBV6	11750	25431	0.33%	0.034%
54	17.092	2375	2381	2392	rBV	1922587	3288094	42.81%	4.350%
55	17.192	2392	2398	2420	rVV	3968777	6509358	84.76%	8.612%
56	17.769	2493	2496	2502	rBV4	39712	58032	0.76%	0.077%
57	18.016	2534	2538	2545	rBV6	34791	77586	1.01%	0.103%
58	19.057	2712	2715	2722	rVB3	51080	71272	0.93%	0.094%
59	19.492	2784	2789	2807	rBV	5485663	7680201	100.00%	10.161%
60	21.298	3092	3096	3113	rBV	1859840	3025693	39.40%	4.003%
61	23.451	3455	3462	3471	rBV2	3234535	6332368	82.45%	8.378%
62	23.598	3481	3487	3500	rVB	1434037	2953550	38.46%	3.907%

Sum of corrected areas: 75587704

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111423\
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Operator : MA/JU
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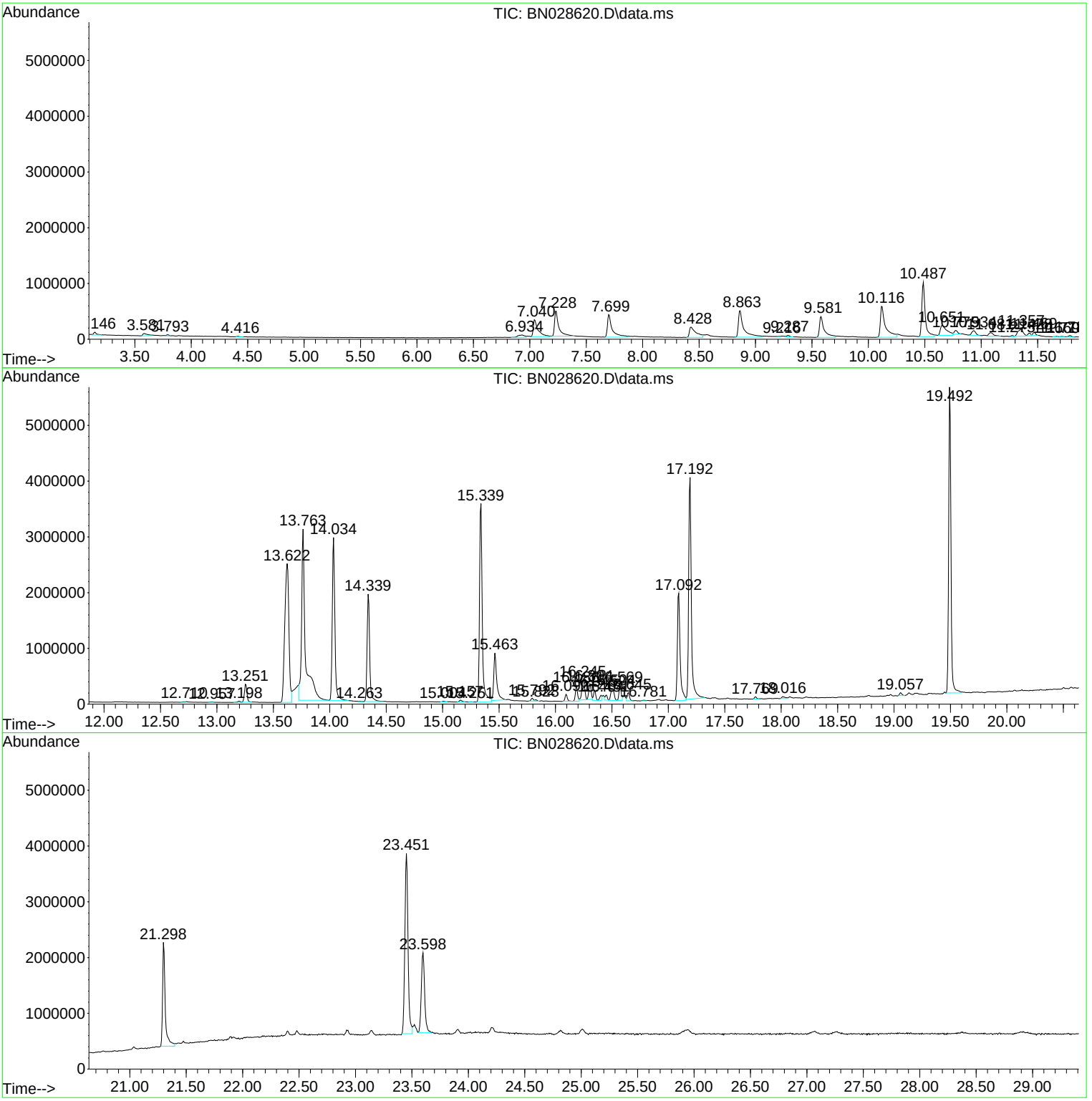
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GCDK5

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111423\
Data File : BN028620.D
Acq On : 15 Nov 2023 02:07
Operator : MA/JU
Sample : 05337-19
Misc :
ALS Vial : 27 Sample Multiplier: 1

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

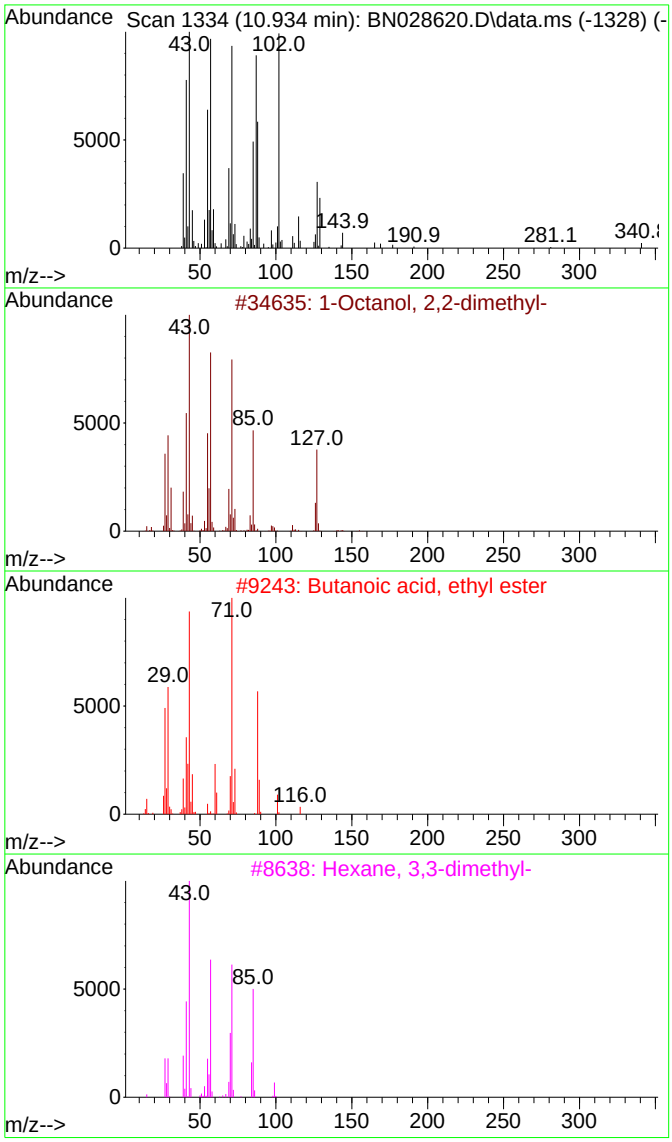
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

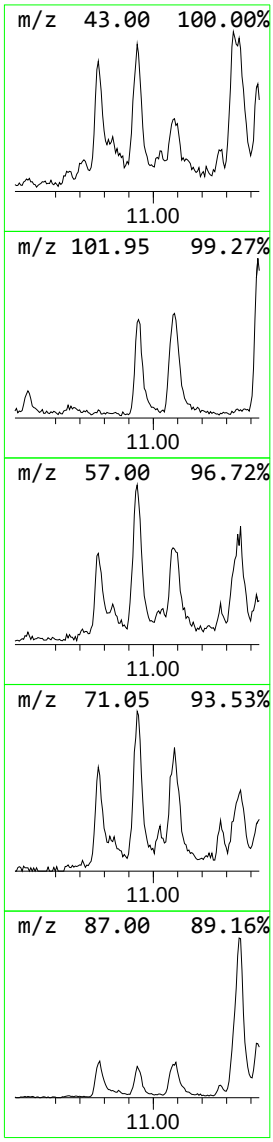
****

Peak Number 1 unknown-01 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.934	2.13 ng/ul	218014	Naphthalene-d8	10.487

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octanol, 2,2-dimethyl-	158	C10H22O	002370-14-1	22
2	Butanoic acid, ethyl ester	116	C6H12O2	000105-54-4	18
3	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	14
4	3-Ethyl-2,6,10-trimethylundecane	226	C16H34	1000432-25-9	14
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	14





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111423\
Data File : BN028620.D
Acq On : 15 Nov 2023 02:07
Operator : MA/JU
Sample : 05337-19
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GCDK5

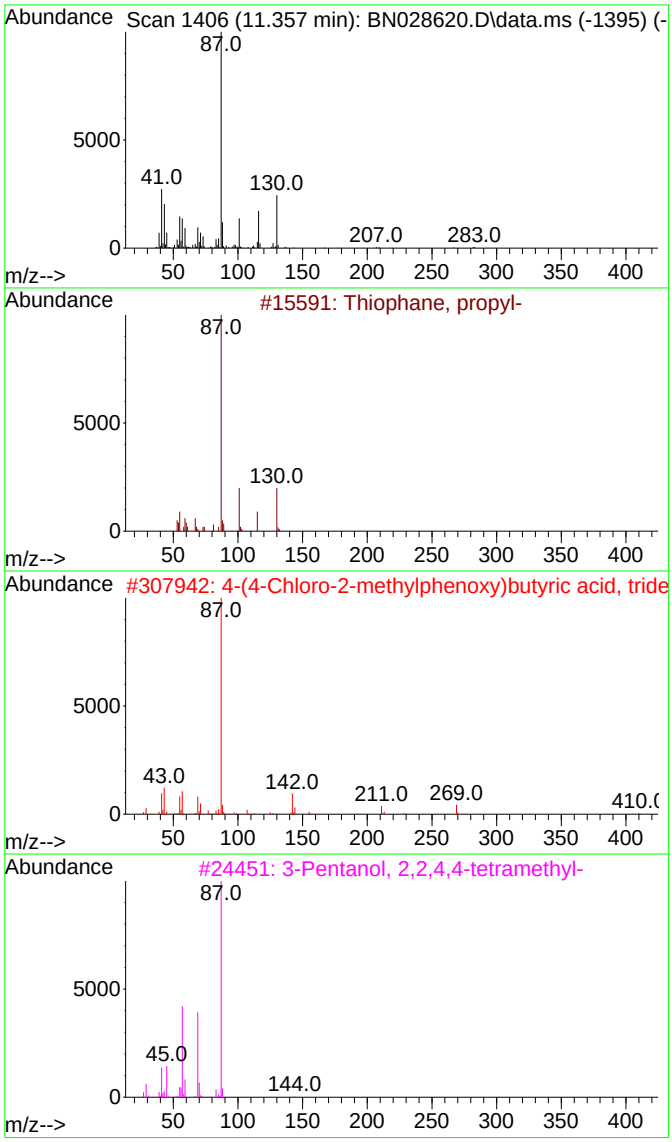
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN111423.MA.M
Quant Title : SVOA CALIBRATION

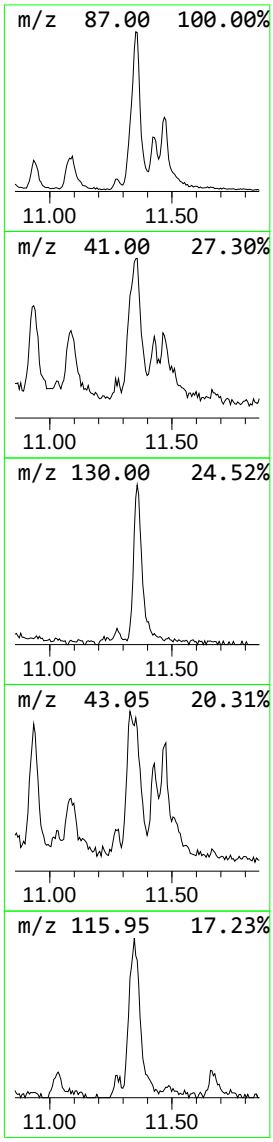
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Thiophane, propyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.357	4.18 ng/ul	427492	Naphthalene-d8	10.487

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiophane, propyl-	130	C7H14S	001551-34-4	53
2	4-(4-Chloro-2-methylphenoxy)buty...	410	C24H39ClO3	1000415-08-9	50
3	3-Pentanol, 2,2,4,4-tetramethyl-	144	C9H20O	014609-79-1	47
4	Heptanoic acid, 2-propyl-, methy...	186	C11H22O2	056247-53-1	45
5	Hydrazine, 1,1-dipropyl-	116	C6H16N2	004986-50-9	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111423\
Data File : BN028620.D
Acq On : 15 Nov 2023 02:07
Operator : MA/JU
Sample : 05337-19
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GCDK5

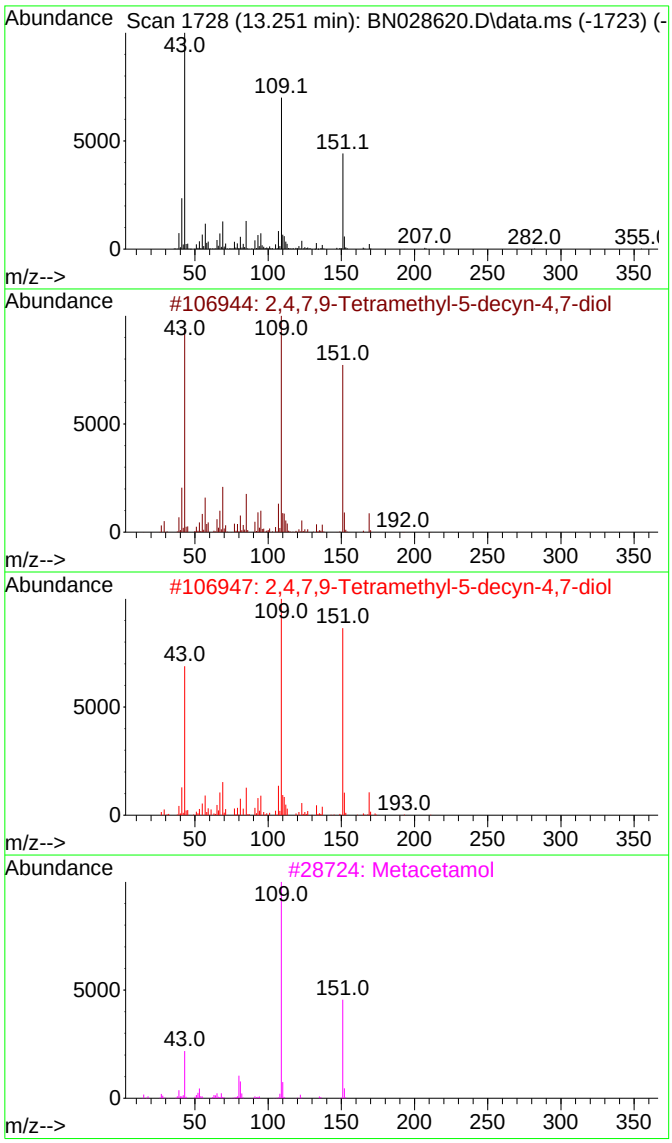
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN111423.MA.M
Quant Title : SVOA CALIBRATION

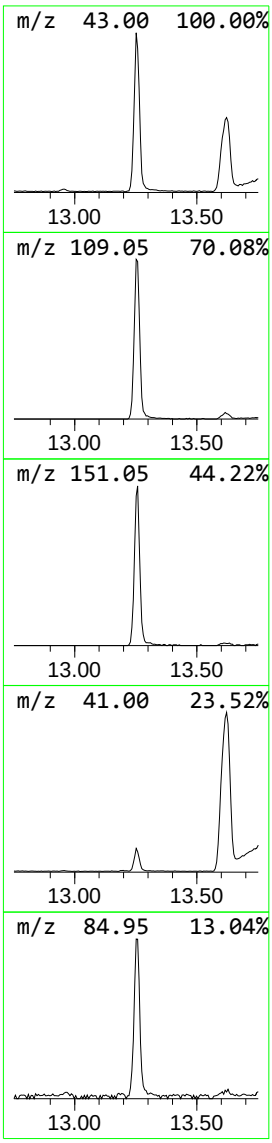
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.251	3.39 ng/ul	513639	Acenaphthene-d10	14.339

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	91
2	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	90
3	Metacetamol	151	C8H9NO2	000621-42-1	58
4	3-Pyridinol, 4-methyl-, acetate ...	151	C8H9NO2	001006-96-8	53
5	Pyridine, 2-butyl-, 1-oxide	151	C9H13NO	031396-32-4	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111423\
Data File : BN028620.D
Acq On : 15 Nov 2023 02:07
Operator : MA/JU
Sample : 05337-19
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GCDK5

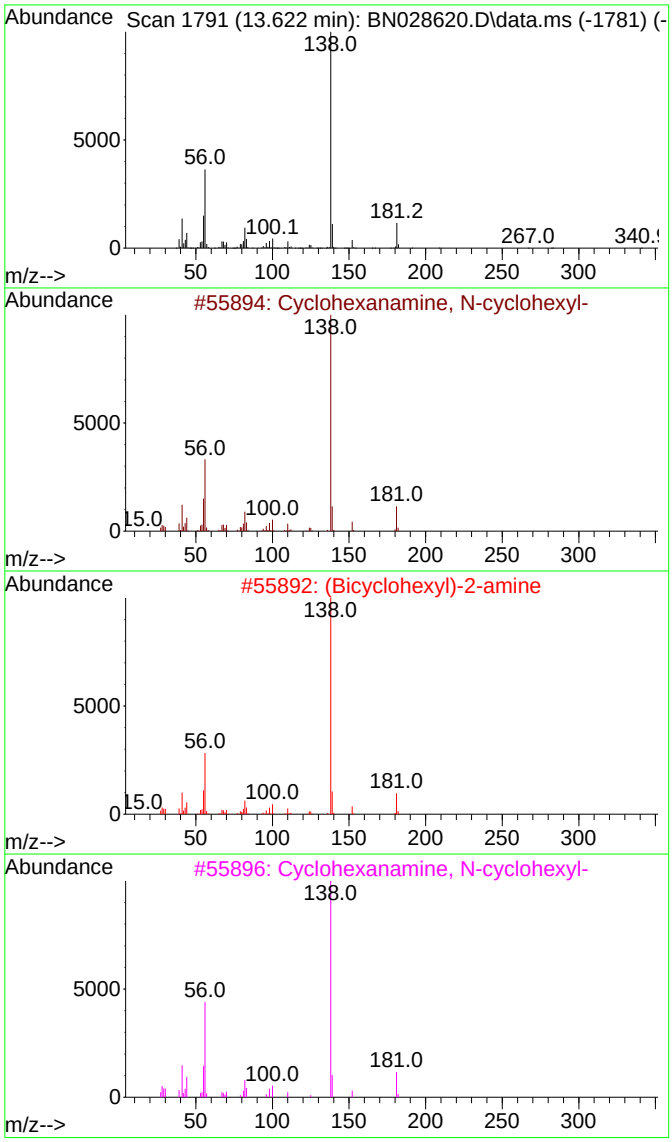
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN111423.MA.M
Quant Title : SVOA CALIBRATION

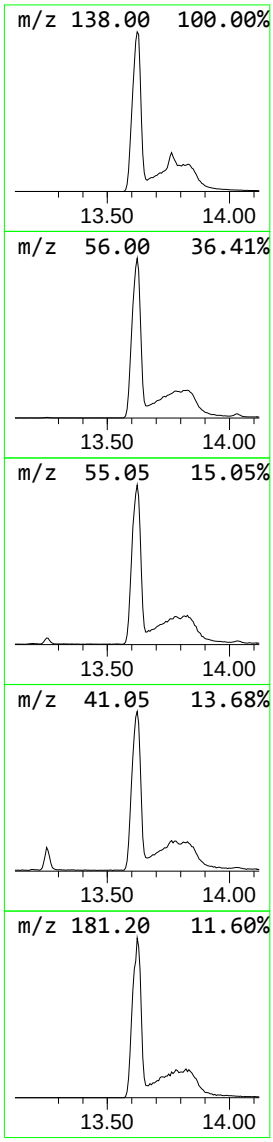
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Cyclohexanamine, N-cyclohexyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.622	41.19 ng/ul	6241390	Acenaphthene-d10	14.339

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	93





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Data File : BN028620.D
Acq On : 15 Nov 2023 02:07
Operator : MA/JU
Sample : 05337-19
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GCDK5

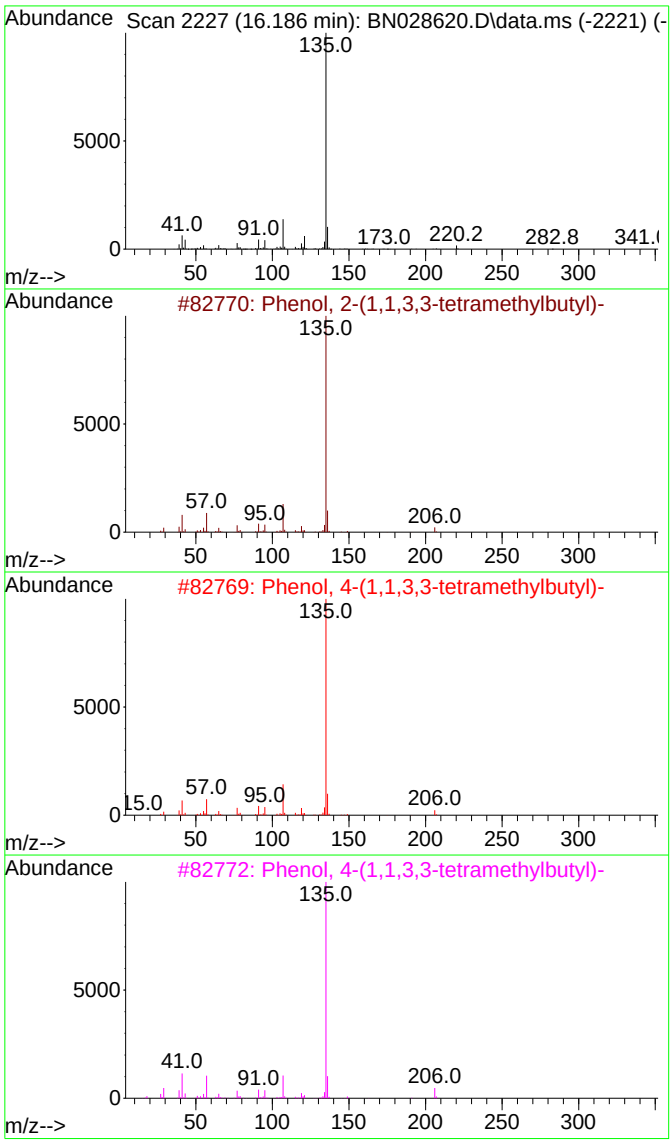
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN111423.MA.M
Quant Title : SVOA CALIBRATION

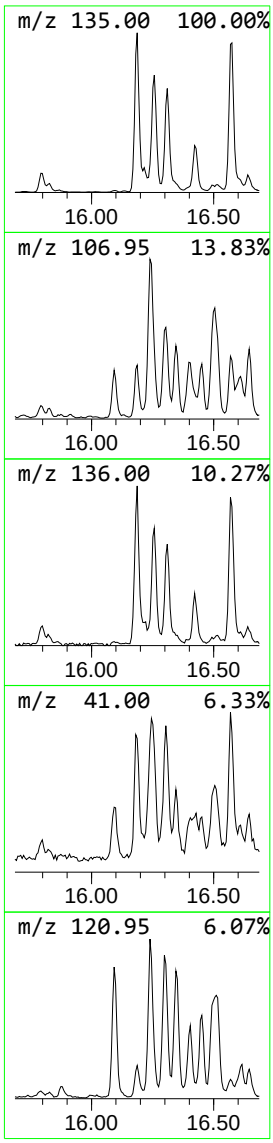
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Phenol, 2-(1,1,3,3-tetramet... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.186	2.33 ng/ul	383096	Phenanthrene-d10	17.092

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-(1,1,3,3-tetramethylbu...	206	C14H22O	003884-95-5	86
2	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	86
3	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	78
4	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	78
5	Phenol, 2-methyl-5-(1-methylethyl)-	150	C10H14O	000499-75-2	78





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ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GCDK5

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

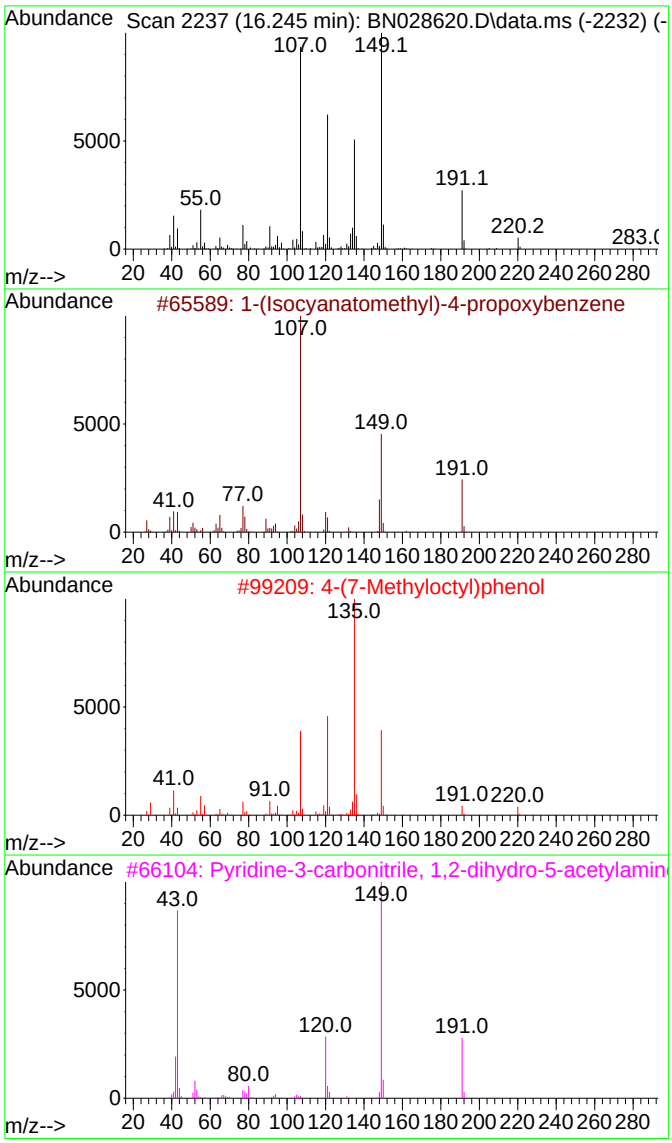
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

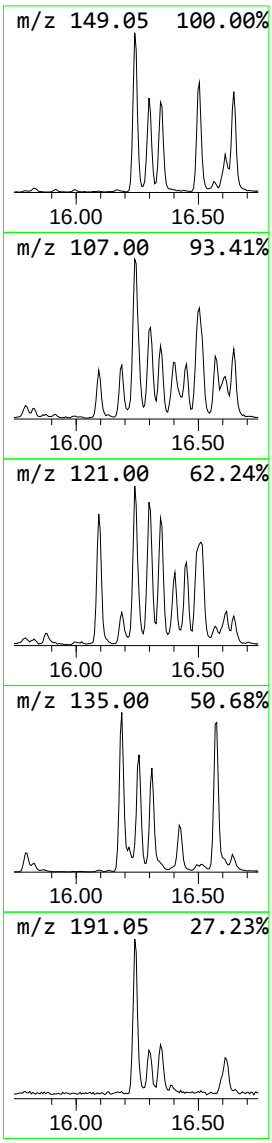
****

Peak Number 6 unknown-02 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.245	3.88 ng/ul	638255	Phenanthrene-d10	17.092

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-(Isocyanatomethyl)-4-propoxybe...	191	C11H13NO2	936095-07-7	43
2	4-(7-Methyloctyl)phenol	220	C15H24O	024518-48-7	41
3	Pyridine-3-carbonitrile, 1,2-dih...	191	C9H9N3O2	220098-92-0	38
4	1-Isopropenyl-3-propenylcyclopen...	150	C11H18	1000192-81-2	38
5	Butanamide, N-(4-methylphenyl)-3...	191	C11H13NO2	002415-85-2	27





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Data File : BN028620.D
Acq On : 15 Nov 2023 02:07
Operator : MA/JU
Sample : 05337-19
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GCDK5

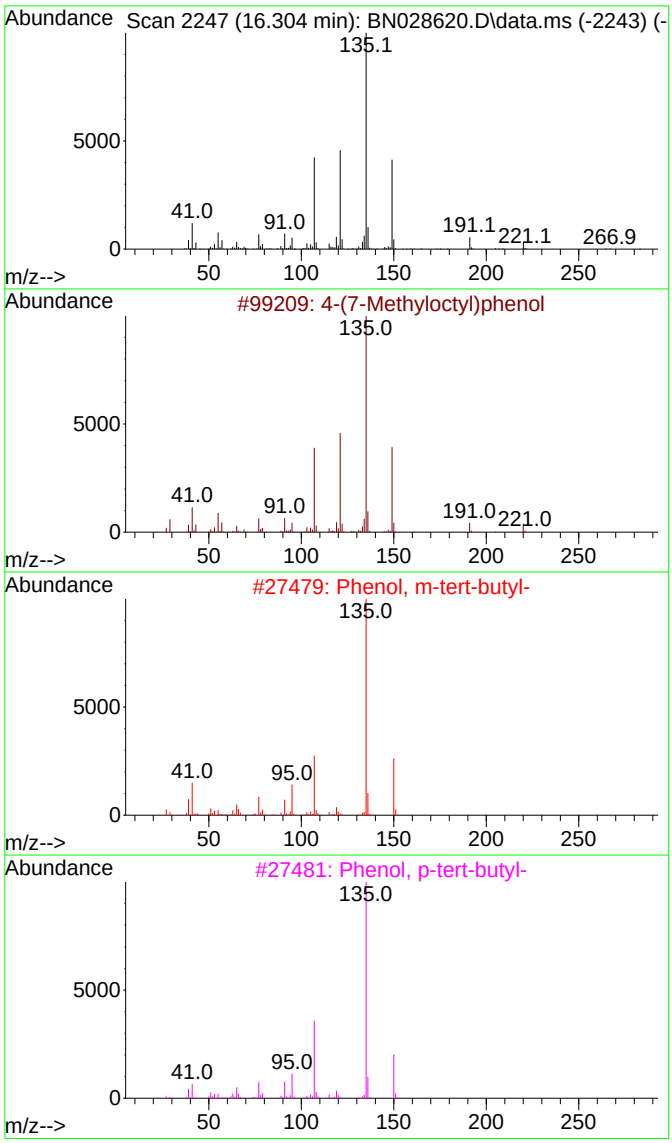
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN111423.MA.M
Quant Title : SVOA CALIBRATION

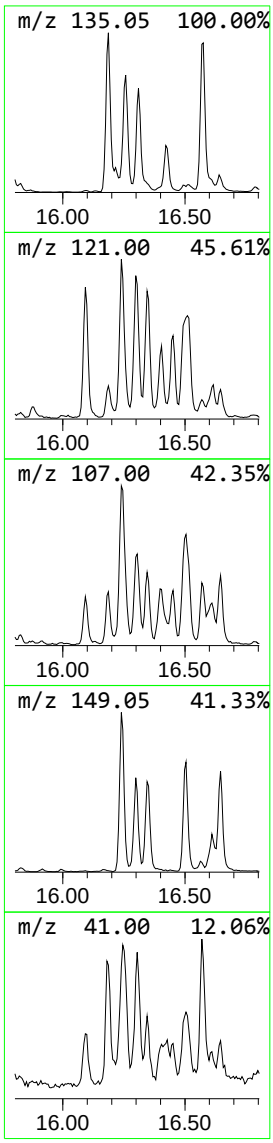
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 4-(7-Methyloctyl)phenol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.304	2.44 ng/ul	400865	Phenanthrene-d10	17.092

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-(7-Methyloctyl)phenol	220	C15H24O	024518-48-7	98
2	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	52
3	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	50
4	Hexestrol	270	C18H22O2	000084-16-2	50
5	4,4'-(1,2-diethylethylene)diphenol	270	C18H22O2	005635-50-7	50





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Data File : BN028620.D
Acq On : 15 Nov 2023 02:07
Operator : MA/JU
Sample : 05337-19
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GCDK5

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

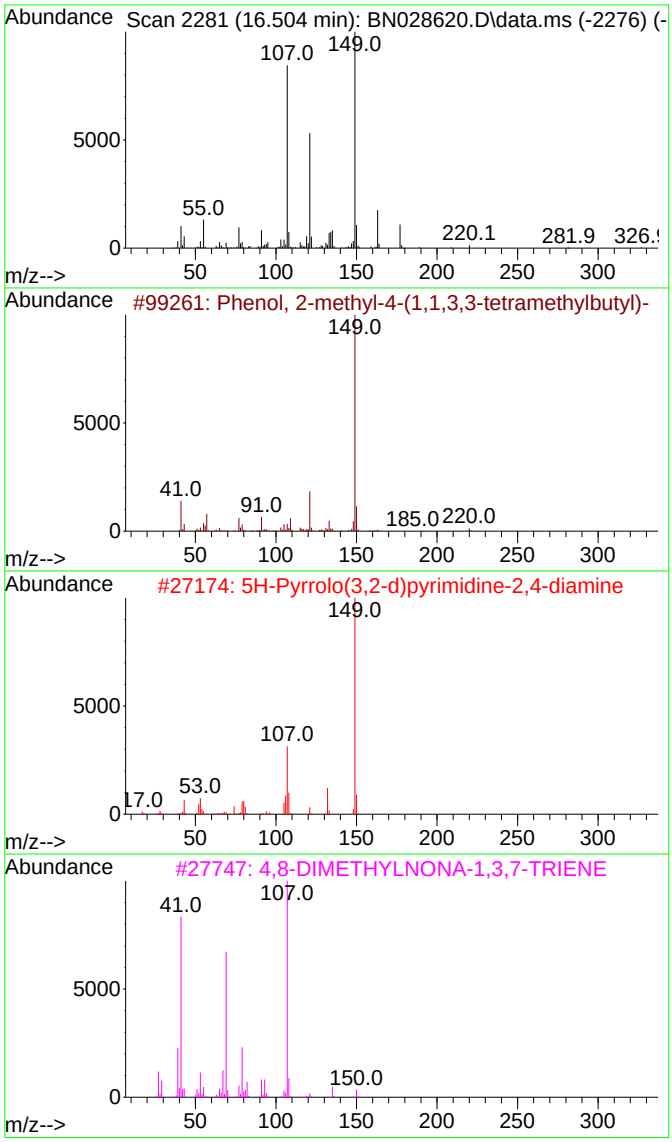
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

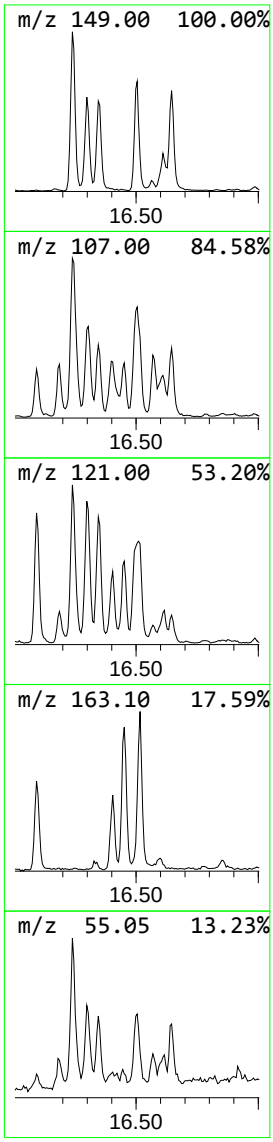
****

Peak Number 8 unknown-03 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.504	2.52 ng/ul	414605	Phenanthrene-d10	17.092

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-methyl-4-(1,1,3,3-tetr...	220	C15H24O	002219-84-3	43
2	5H-Pyrrolo(3,2-d)pyrimidine-2,4-...	149	C6H7N5	1000244-21-4	38
3	4,8-DIMETHYLNONA-1,3,7-TRIENE	150	C11H18	051911-82-1	35
4	Phthalic acid, 3-methoxybenzyl p...	356	C21H24O5	1010377-97-8	35
5	3-Ethoxybenzhydrazide	180	C9H12N2O2	027830-16-6	35





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111423\
Data File : BN028620.D
Acq On : 15 Nov 2023 02:07
Operator : MA/JU
Sample : 05337-19
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GCDK5

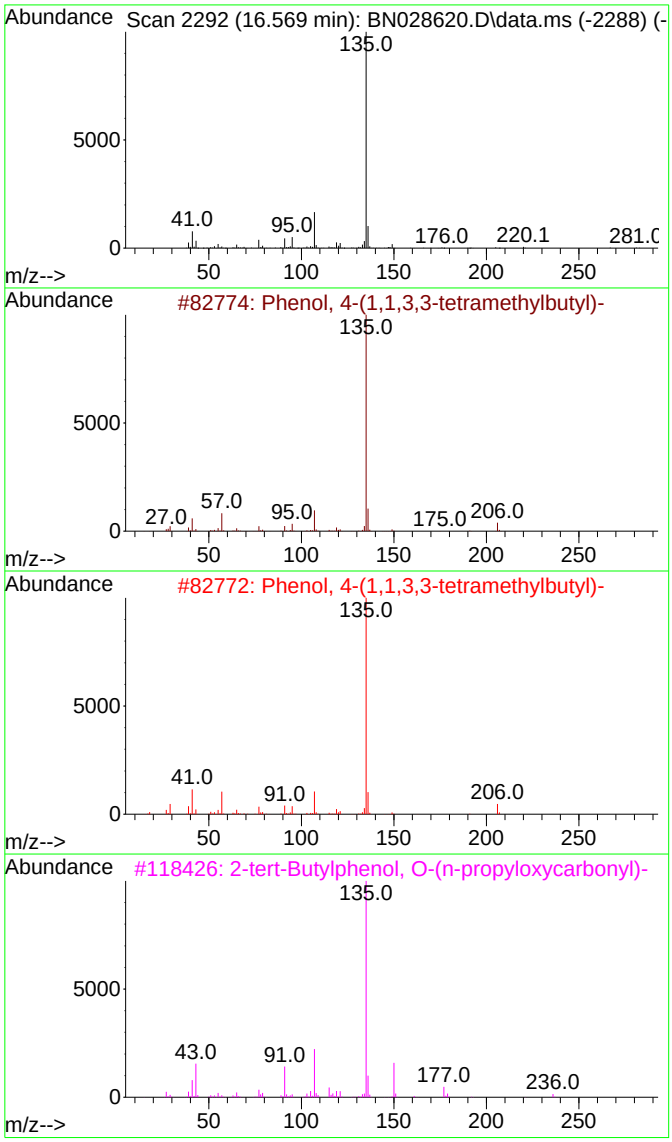
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN111423.MA.M
Quant Title : SVOA CALIBRATION

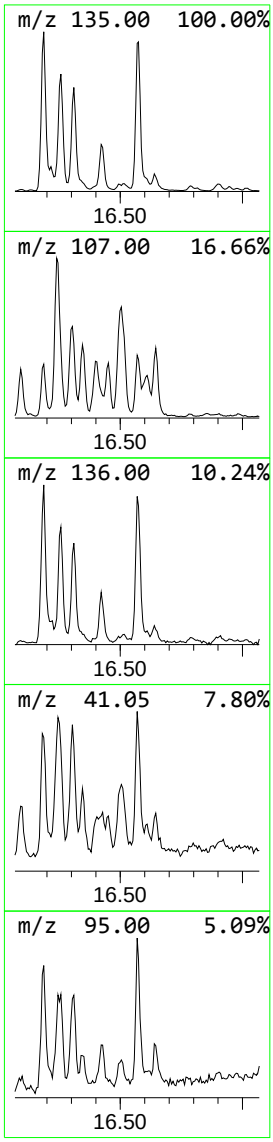
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Phenol, 4-(1,1,3,3-tetramet... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.569	2.22 ng/ul	365620	Phenanthrene-d10	17.092

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	78
2	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	78
3	2-tert-Butylphenol, O-(n-propylo...	236	C14H20O3	1000487-37-9	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





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111423\
Data File : BN028620.D
Acq On : 15 Nov 2023 02:07
Operator : MA/JU
Sample : 05337-19
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GCDK5

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
unknown-01	10.934	2.1	ng/ul	218014	2	10.487	2044050	20.0
Thiophane, propyl-	11.357	4.2	ng/ul	427492	2	10.487	2044050	20.0
2,4,7,9-Tetrame...	13.251	3.4	ng/ul	513639	3	14.339	3030900	20.0
Cyclohexanamine...	13.622	41.2	ng/ul	6241390	3	14.339	3030900	20.0
Phenol, 2-(1,1,...	16.186	2.3	ng/ul	383096	4	17.092	3288090	20.0
unknown-02	16.245	3.9	ng/ul	638255	4	17.092	3288090	20.0
4-(7-Methylocty...	16.304	2.4	ng/ul	400865	4	17.092	3288090	20.0
unknown-03	16.504	2.5	ng/ul	414605	4	17.092	3288090	20.0
Phenol, 4-(1,1,...	16.569	2.2	ng/ul	365620	4	17.092	3288090	20.0