LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071723\
Data File : BP016265.D
Acq On : 17 Jul 2023 21:48
Operator : MA/JU
Sample : 03477-05
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : HOA43

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_P\Methods\SFAM-EPA-BP071223.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP016265.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.240	4	9	18	rBV	1243482	2136618	8.10%	2.170%
2	3.317	18	22	41	rVB	757659	1304336	4.95%	1.325%
3	3.752	95	96	119	rBV	108245	335262	1.27%	0.341%
4	3.940	125	128	135	rVB	20609	35875	0.14%	0.036%
5	4.587	231	238	267	rBV	13588992	26361765	100.00%	26.777%
6	5.193	337	341	349	rBV2	27938	55077	0.21%	0.056%
7	7.199	675	682	692	rBV2	73820	239493	0.91%	0.243%
8	7.293	692	698	723	rVV	509159	1303730	4.95%	1.324%
9	7.510	725	735	757	rVV2	383616	1180724	4.48%	1.199%
10	7.857	789	794	803	rVB2	18564	41633	0.16%	0.042%
11	7.957	804	811	838	rBV	490961	1383832	5.25%	1.406%
12	8.328	868	874	889	rBV2	55953	154479	0.59%	0.157%
13	8.728	935	942	970	rBV2	192467	851579	3.23%	0.865%
14	9.157	1007	1015	1040	rBV	655445	1680751	6.38%	1.707%
15	9.893	1129	1140	1166	rBV	384629	1398573	5.31%	1.421%
16	10.481	1231	1240	1271	rBV3	396727	1829776	6.94%	1.859%
17	10.781	1283	1291	1310	rBV	958266	2222207	8.43%	2.257%
18	11.010	1321	1330	1362	rBV2	119454	584443	2.22%	0.594%
19	11.716	1441	1450	1465	rBV6	55788	249186	0.95%	0.253%
20	13.487	1746	1751	1761	rBV4	17614	39338	0.15%	0.040%
21	14.028	1836	1843	1864	rBV	1831335	3497778	13.27%	3.553%
22	14.310	1884	1891	1913	rVV	2266551	3877989	14.71%	3.939%
23	14.481	1916	1920	1927	rVB10	14347	26781	0.10%	0.027%
24	14.610	1935	1942	1968	rVB	1997260	3127564	11.86%	3.177%
25	15.051	2011	2017	2025	rBV8	34037	113594	0.43%	0.115%
26	15.363	2065	2070	2080	rVV	224033	383465	1.45%	0.390%
27	15.439	2080	2083	2091	rVB5	14230	30394	0.12%	0.031%
28	15.616	2106	2113	2126	rBV	2718278	5290257	20.07%	5.374%
29	15.722	2126	2131	2140	rVV	178018	483619	1.83%	0.491%
30	15.804	2140	2145	2171	rVV	525958	1786122	6.78%	1.814%
31	15.992	2172	2177	2196	rVB	258673	471749	1.79%	0.479%
32	16.545	2266	2271	2281	rVB2	25946	49415	0.19%	0.050%
33	17.257	2386	2392	2402	rBV4	29167	67400	0.26%	0.068%
34	17.375	2406	2412	2424	rBV	2608463	3866482	14.67%	3.927%
35	17.480	2424	2430	2455	rVB2	2666537	5597848	21.23%	5.686%
36	18.233	2554	2558	2569	rBV	206691	369601	1.40%	0.375%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071723\
Data File : BP016265.D
Acq On : 17 Jul 2023 21:48
Operator : MA/JU
Sample : 03477-05
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : HOA43

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_P\Methods\SFAM-EPA-BP071223.MA.M
Title : SVOA CALIBRATION

37	18.316	2569	2572	2577	rVV	43453	63207	0.24%	0.064%
38	18.375	2577	2582	2594	rVV	166035	336138	1.28%	0.341%
39	19.292	2734	2738	2742	rVB2	50329	67622	0.26%	0.069%
40	19.369	2747	2751	2760	rBV	61262	96229	0.37%	0.098%
41	19.463	2763	2767	2774	rBV	104095	163371	0.62%	0.166%
42	19.598	2787	2790	2793	rBV2	28983	31748	0.12%	0.032%
43	19.710	2803	2809	2835	rBV	4204474	7529771	28.56%	7.648%
44	20.633	2962	2966	2970	rVB	413949	419565	1.59%	0.426%
45	21.163	3052	3056	3065	rVB6	124902	270626	1.03%	0.275%
46	21.480	3104	3110	3122	rBV	2198645	4493527	17.05%	4.564%
47	23.104	3382	3386	3391	rVB	383697	571092	2.17%	0.580%
48	23.798	3497	3504	3525	rVB2	2862174	6633421	25.16%	6.738%
49	23.968	3526	3533	3555	rVB	1467726	4426056	16.79%	4.496%
50	24.492	3617	3622	3632	rVB	462287	917441	3.48%	0.932%

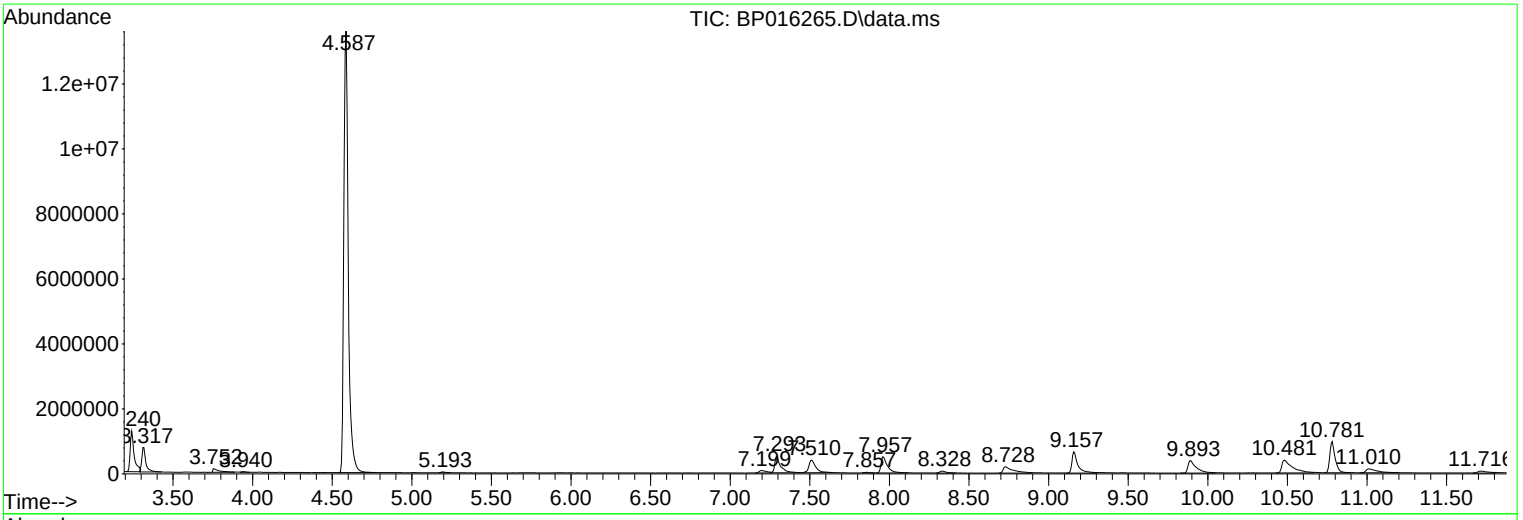
Sum of corrected areas: 98448549

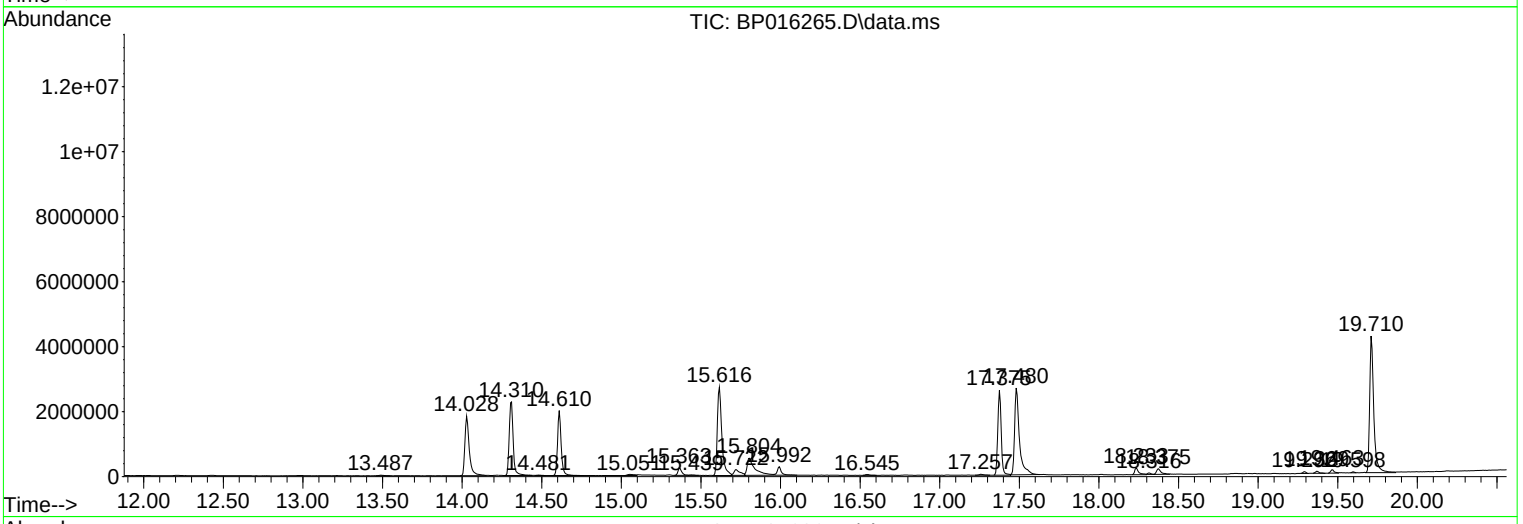
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071723\
Data File : BP016265.D
Acq On : 17 Jul 2023 21:48
Operator : MA/JU
Sample : 03477-05
Misc :
ALS Vial : 22 Sample Multiplier: 1

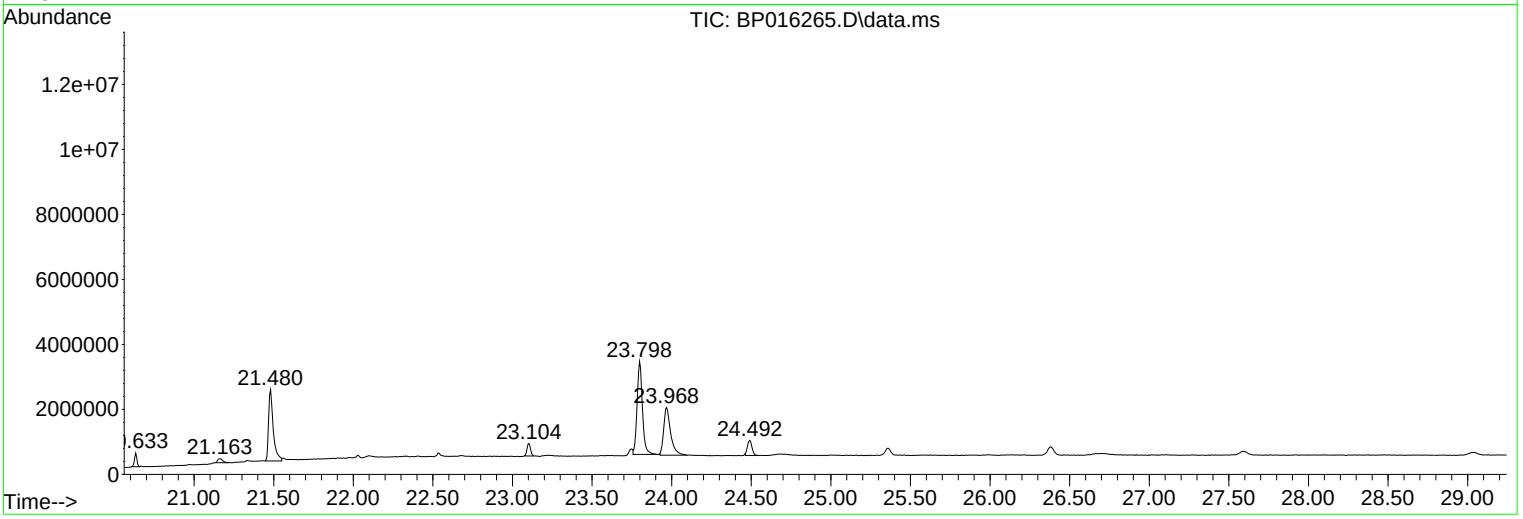
Instrument :
BNA_P
ClientSampleId :
HOA43

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
Quant Title : SVOA CALIBRATION

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







Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071723\
Data File : BP016265.D
Acq On : 17 Jul 2023 21:48
Operator : MA/JU
Sample : 03477-05
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
HOA43

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
Quant Title : SVOA CALIBRATION

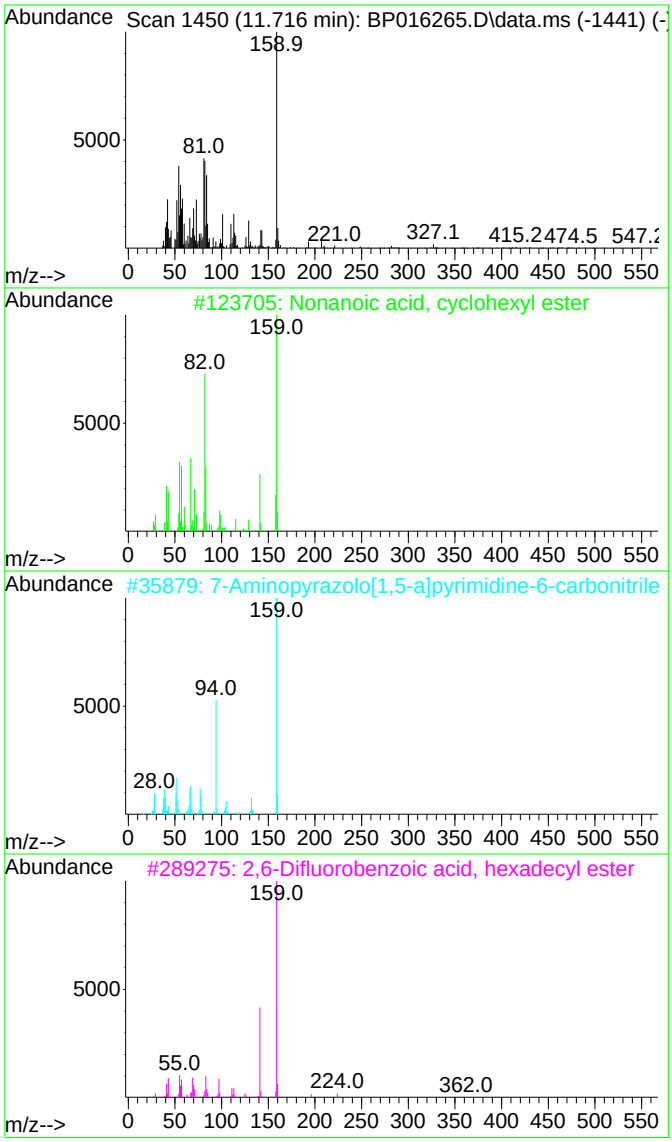
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

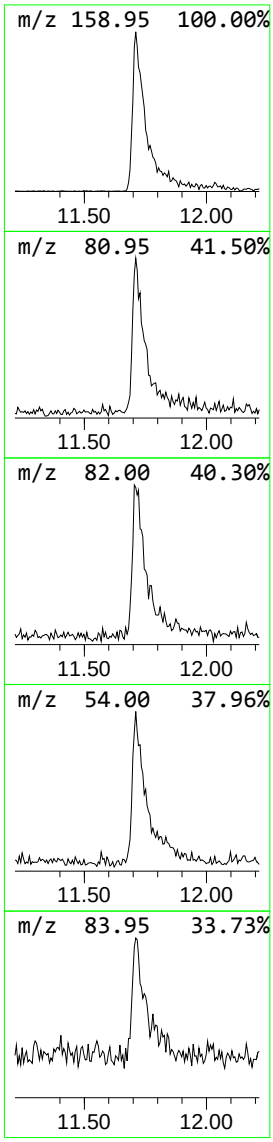
****

Peak Number 3 unknown-01 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.716	2.24 ng/ul	249186	Naphthalene-d8	10.781

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonanoic acid, cyclohexyl ester	240	C15H28O2	1000358-02-4	38
2	7-Aminopyrazolo[1,5-a]pyrimidine...	159	C7H5N5	089975-57-5	38
3	2,6-Difluorobenzoic acid, hexade...	382	C23H36F2O2	1010292-39-6	22
4	3-Amino-2-naphthol, N,O-diacetyl-	243	C14H13NO3	000840-55-1	22
5	2,4-Difluorobenzoic acid, decyl ...	298	C17H24F2O2	1000338-78-8	22





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071723\
Data File : BP016265.D
Acq On : 17 Jul 2023 21:48
Operator : MA/JU
Sample : 03477-05
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
HOA43

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
Quant Title : SVOA CALIBRATION

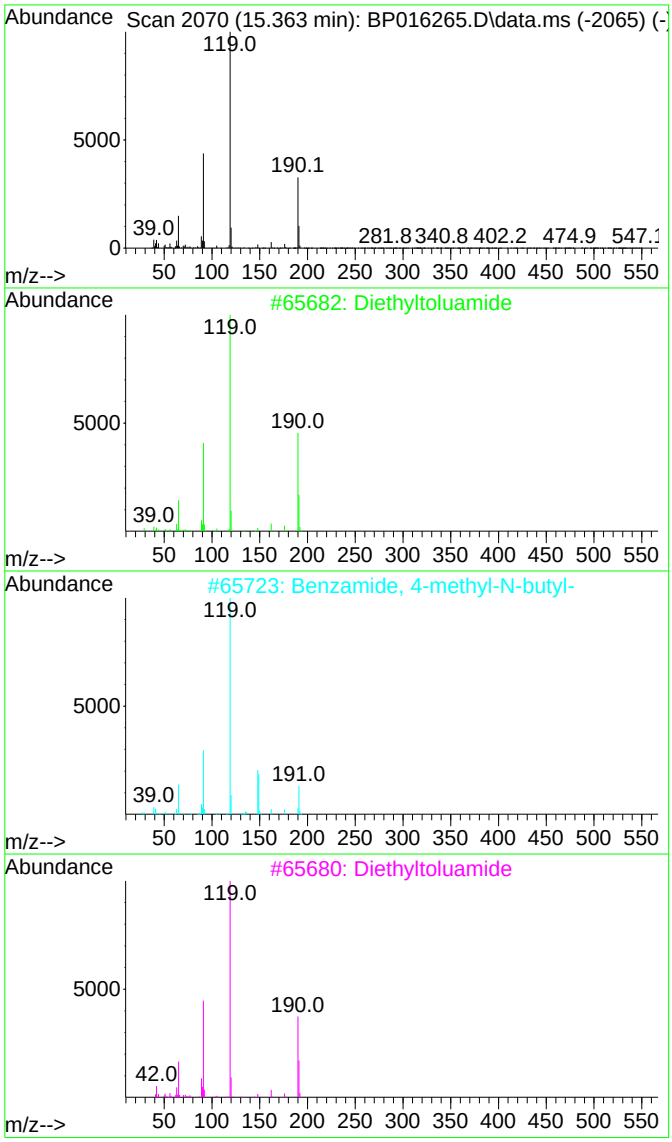
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

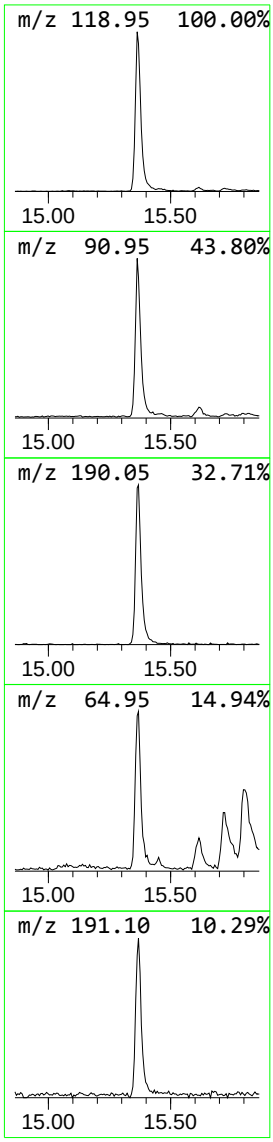
****

Peak Number 4 Diethyltoluamide Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.363	2.45 ng/ul	383465	Acenaphthene-d10	14.610

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diethyltoluamide	191	C12H17NO	000134-62-3	95
2	Benzamide, 4-methyl-N-butyl-	191	C12H17NO	1000407-46-6	80
3	Diethyltoluamide	191	C12H17NO	000134-62-3	70
4	1-Propanone, 2-methyl-1-(2-methy...	162	C11H14O	002040-21-3	68
5	1-Propanone, 2-methyl-1-(4-methy...	162	C11H14O	050390-51-7	68





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071723\
Data File : BP016265.D
Acq On : 17 Jul 2023 21:48
Operator : MA/JU
Sample : 03477-05
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
HOA43

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
Quant Title : SVOA CALIBRATION

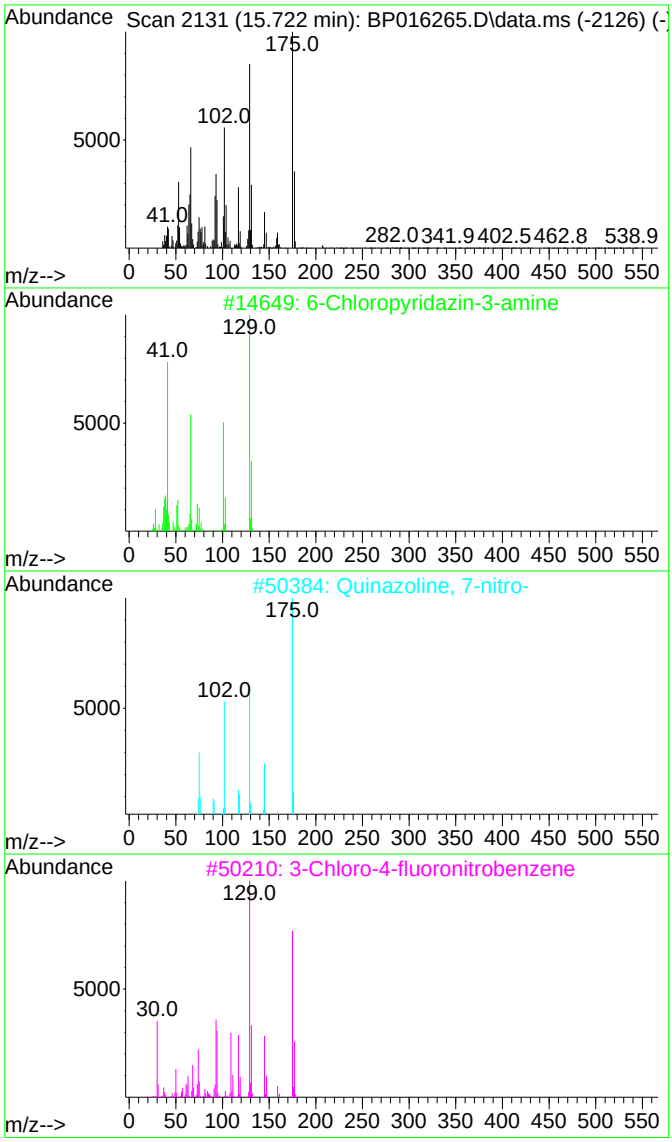
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

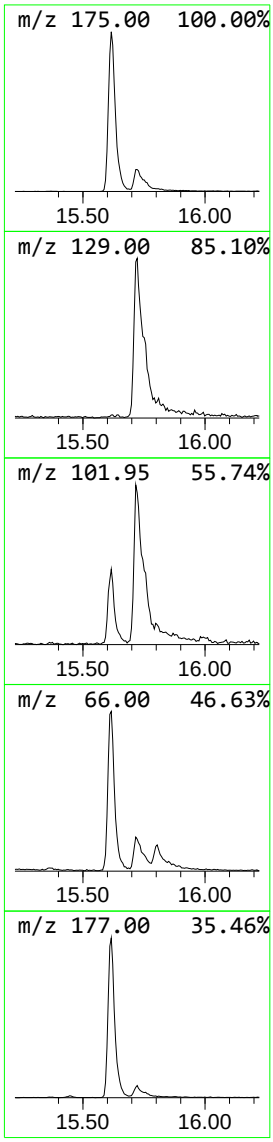
****

Peak Number 5 unknown-02 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.722	3.09 ng/ul	483619	Acenaphthene-d10	14.610

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Chloropyridazin-3-amine	129	C4H4ClN3	005469-69-2	43
2	Quinazoline, 7-nitro-	175	C8H5N3O2	007557-00-8	43
3	3-Chloro-4-fluoronitrobenzene	175	C6H3ClFNO2	000350-30-1	38
4	3-Chloro-4-fluoronitrobenzene	175	C6H3ClFNO2	000350-30-1	38
5	3-Chloro-4-fluoronitrobenzene	175	C6H3ClFNO2	000350-30-1	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071723\
Data File : BP016265.D
Acq On : 17 Jul 2023 21:48
Operator : MA/JU
Sample : 03477-05
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
HOA43

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
Quant Title : SVOA CALIBRATION

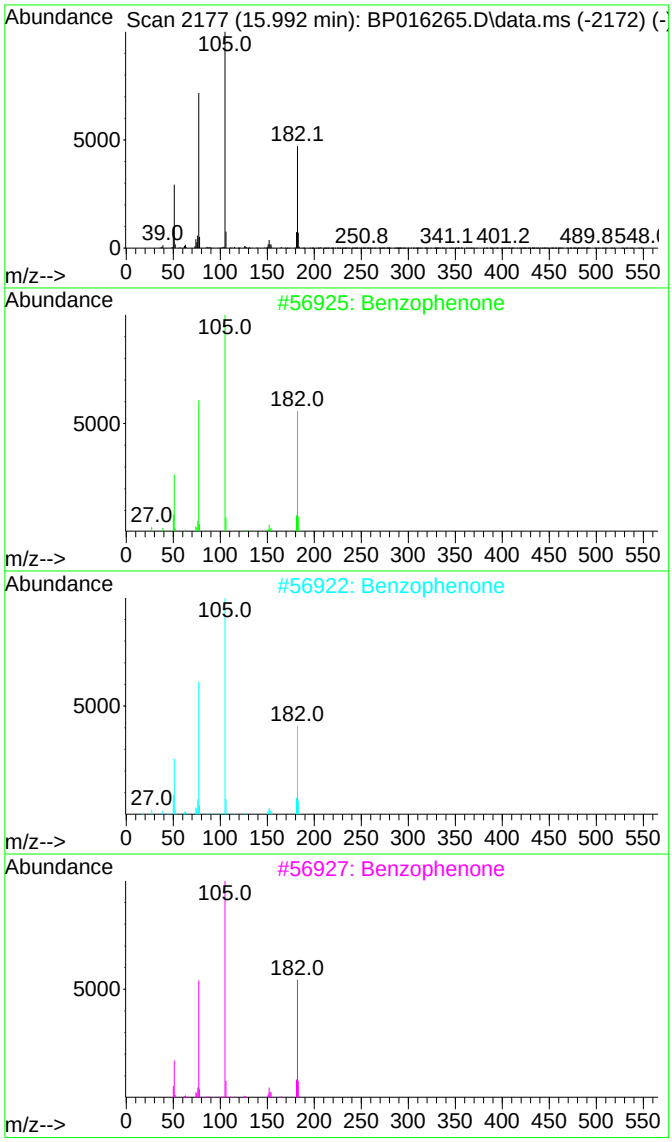
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

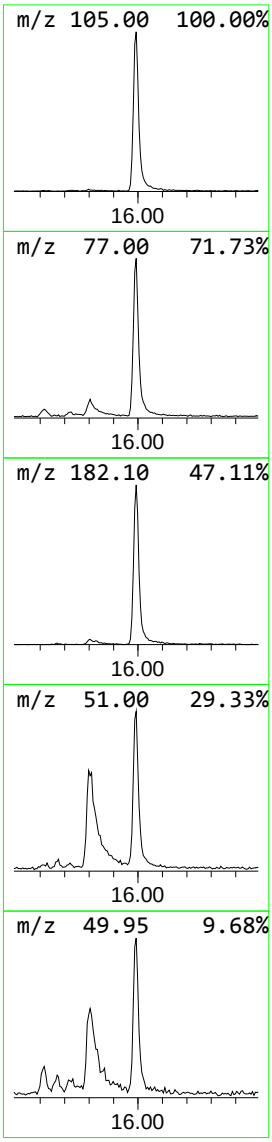
****

Peak Number 6 Benzophenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.992	3.02 ng/ul	471749	Acenaphthene-d10	14.610

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Benzophenone	182	C13H10O	000119-61-9	96
3	Benzophenone	182	C13H10O	000119-61-9	95
4	Benzophenone	182	C13H10O	000119-61-9	91
5	Azobenzene	182	C12H10N2	000103-33-3	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071723\
Data File : BP016265.D
Acq On : 17 Jul 2023 21:48
Operator : MA/JU
Sample : 03477-05
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
HOA43

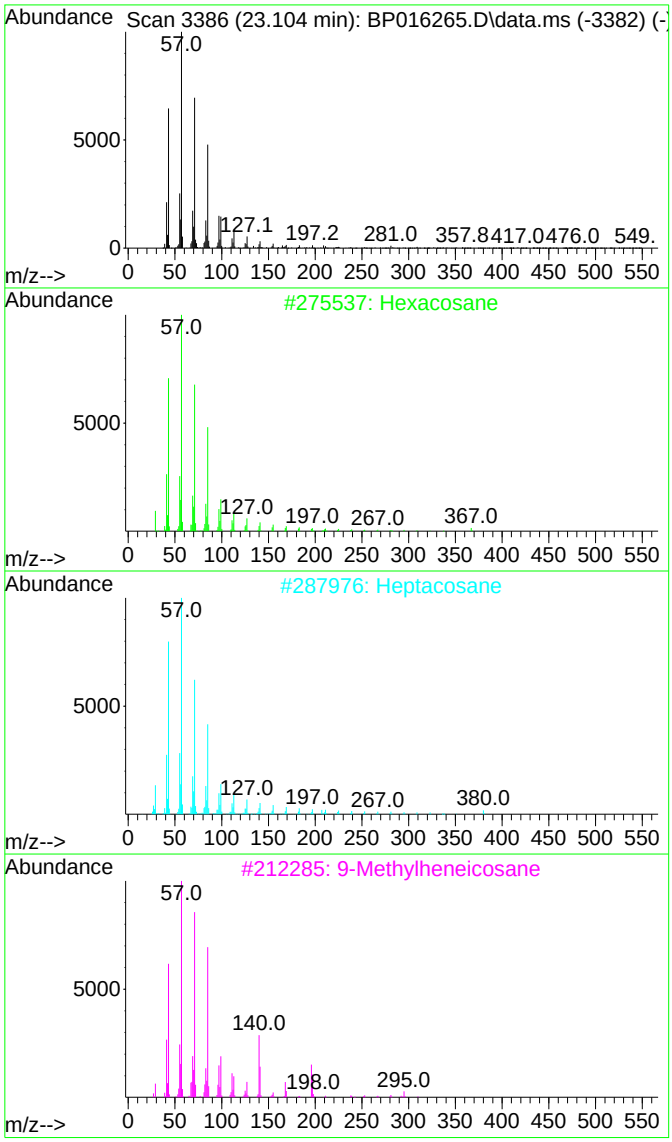
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
Quant Title : SVOA CALIBRATION

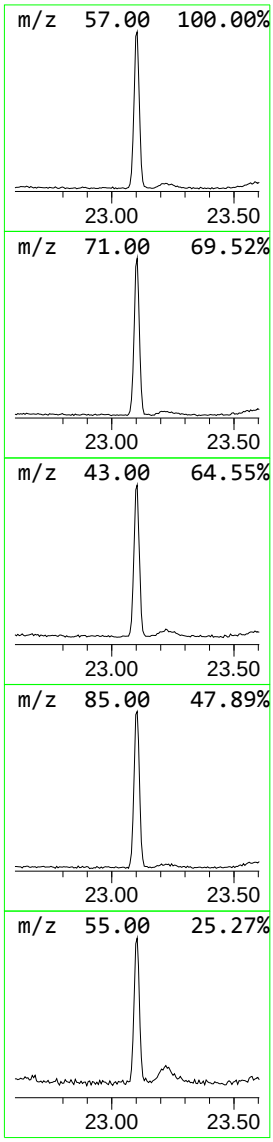
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.104	2.58 ng/ul	571092	Perylene-d12	23.968

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	91
2	Heptacosane	380	C27H56	000593-49-7	91
3	9-Methylheneicosane	310	C22H46	070475-51-3	90
4	Octacosane	394	C28H58	000630-02-4	90
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071723\
Data File : BP016265.D
Acq On : 17 Jul 2023 21:48
Operator : MA/JU
Sample : 03477-05
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
HOA43

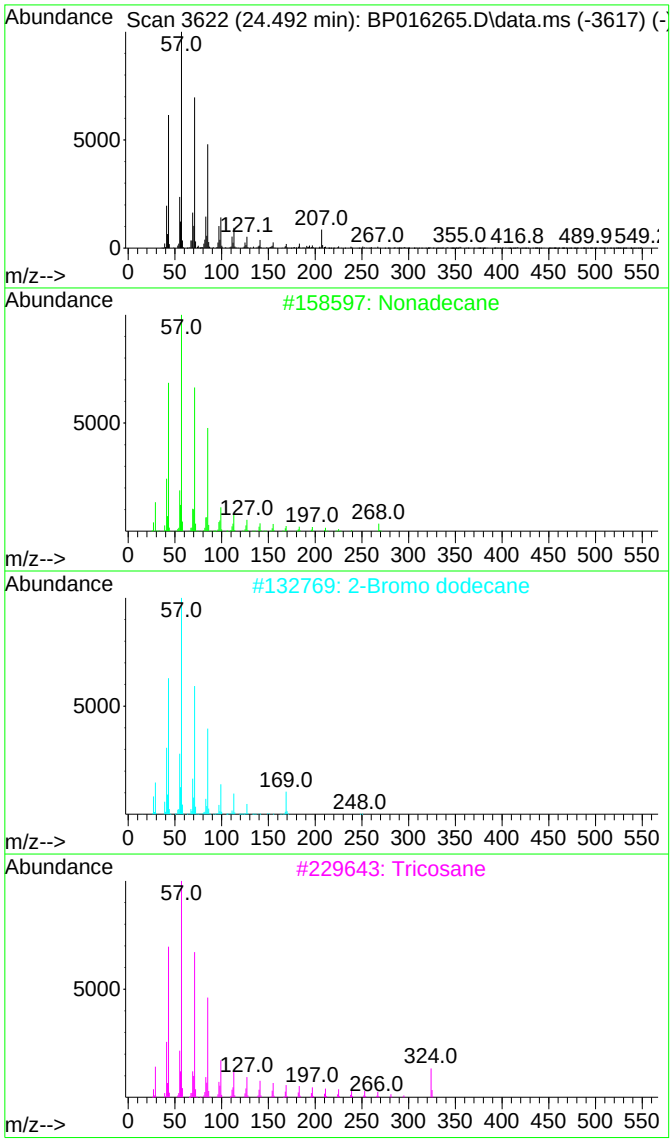
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
Quant Title : SVOA CALIBRATION

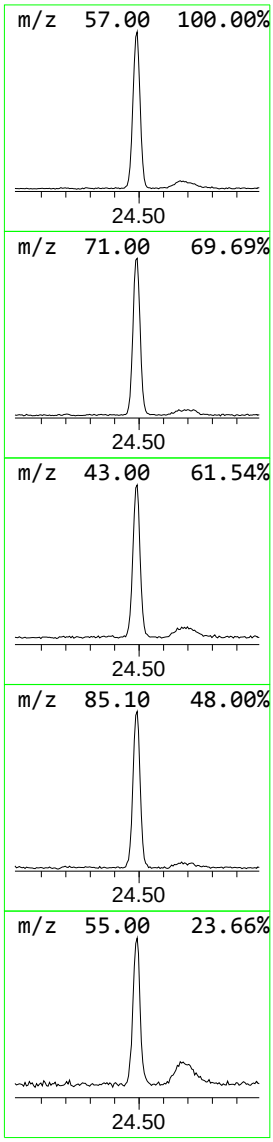
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.492	4.15 ng/ul	917441	Perylene-d12	23.968

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	93
2	2-Bromo dodecane	248	C12H25Br	013187-99-0	93
3	Tricosane	324	C23H48	000638-67-5	91
4	Hexacosane	366	C26H54	000630-01-3	90
5	Octacosane, 2-methyl-	408	C29H60	001560-98-1	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071723\
Data File : BP016265.D
Acq On : 17 Jul 2023 21:48
Operator : MA/JU
Sample : 03477-05
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
HOA43

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.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	11.716	2.2	ng/ul	249186	2	10.781	2222210	20.0
Diethyltoluamide	15.363	2.5	ng/ul	383465	3	14.610	3127560	20.0
unknown-02	15.722	3.1	ng/ul	483619	3	14.610	3127560	20.0
Benzophenone	15.992	3.0	ng/ul	471749	3	14.610	3127560	20.0
(DEL) Alkane: S...	23.104	2.6	ng/ul	571092	6	23.968	4426060	20.0
(DEL) Alkane: S...	24.492	4.2	ng/ul	917441	6	23.968	4426060	20.0