LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071723\
Data File : BP016250.D
Acq On : 17 Jul 2023 12:29
Operator : MA/JU
Sample : 03437-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : A46K7

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: BP016250.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.287	13	17	36	rVB	94765	173157	1.99%	0.195%
2	3.734	89	93	108	rBV	676100	1355367	15.58%	1.523%
3	3.834	108	110	119	rVB2	37458	71759	0.83%	0.081%
4	4.052	143	147	152	rVB2	10784	20882	0.24%	0.023%
5	4.999	304	308	316	rVB4	7148	14742	0.17%	0.017%
6	7.140	666	672	691	rBV	698012	2119860	24.37%	2.383%
7	7.281	691	696	719	rVB	799556	1653939	19.02%	1.859%
8	7.487	724	731	761	rVB	945850	2075023	23.86%	2.332%
9	7.952	804	810	834	rBV	601983	1447893	16.65%	1.627%
10	8.699	929	937	970	rBV	953791	2622263	30.15%	2.947%
11	9.152	1007	1014	1041	rBV	880231	2159815	24.83%	2.427%
12	9.475	1066	1069	1072	rVB3	7085	8896	0.10%	0.010%
13	9.881	1130	1138	1162	rBV	684792	1861790	21.41%	2.093%
14	10.440	1224	1233	1253	rBV	676217	2404385	27.64%	2.702%
15	10.775	1282	1290	1309	rVB	1254369	2382011	27.39%	2.677%
16	10.963	1314	1322	1363	rBV	637213	2602480	29.92%	2.925%
17	12.446	1567	1574	1583	rBV3	10151	27501	0.32%	0.031%
18	13.110	1684	1687	1694	rVB6	6884	11132	0.13%	0.013%
19	13.410	1734	1738	1744	rVB3	9383	13554	0.16%	0.015%
20	13.487	1744	1751	1757	rBV2	28770	49025	0.56%	0.055%
21	13.604	1767	1771	1776	rBV8	4924	10175	0.12%	0.011%
22	14.028	1836	1843	1865	rBV	2330777	4158726	47.82%	4.674%
23	14.304	1883	1890	1905	rBV2	3073726	5005210	57.55%	5.626%
24	14.481	1916	1920	1926	rVB2	22574	33504	0.39%	0.038%
25	14.610	1935	1942	1958	rBV	2113831	3334957	38.34%	3.748%
26	14.740	1958	1964	1975	rVV	239648	448453	5.16%	0.504%
27	14.922	1988	1995	2022	rBV2	298740	1615053	18.57%	1.815%
28	15.381	2068	2073	2077	rVB7	9359	14978	0.17%	0.017%
29	15.434	2079	2082	2087	rVB3	15436	19442	0.22%	0.022%
30	15.616	2103	2113	2138	rBV	3365864	6402720	73.62%	7.196%
31	15.792	2138	2143	2151	rVV	586316	1360458	15.64%	1.529%
32	15.869	2151	2156	2170	rVV	495704	1023401	11.77%	1.150%
33	15.987	2170	2176	2199	rVB	593473	957739	11.01%	1.076%
34	16.310	2226	2231	2235	rBV4	18068	24896	0.29%	0.028%
35	16.486	2257	2261	2266	rVB7	7380	14851	0.17%	0.017%
36	16.545	2266	2271	2276	rBV	18222	27245	0.31%	0.031%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071723\
Data File : BP016250.D
Acq On : 17 Jul 2023 12:29
Operator : MA/JU
Sample : 03437-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A46K7

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	16.604	2276	2281	2286	rBV3	29826	48848	0.56%	0.055%
38	16.886	2324	2329	2340	rBV2	59588	108258	1.24%	0.122%
39	17.045	2353	2356	2361	rBV6	8106	13686	0.16%	0.015%
40	17.139	2368	2372	2376	rBV4	10756	17203	0.20%	0.019%
41	17.175	2376	2378	2384	rVB4	8185	10285	0.12%	0.012%
42	17.275	2392	2395	2402	rVB8	16833	26207	0.30%	0.029%
43	17.375	2406	2412	2423	rBV	2849040	4148360	47.70%	4.662%
44	17.481	2424	2430	2452	rVV2	3419780	6673143	76.73%	7.500%
45	17.986	2512	2516	2520	rBV7	15853	28001	0.32%	0.031%
46	18.239	2553	2559	2570	rBV	663088	1175664	13.52%	1.321%
47	19.292	2734	2738	2742	rBV	57165	81541	0.94%	0.092%
48	19.369	2748	2751	2754	rBV	48528	51016	0.59%	0.057%
49	19.463	2763	2767	2783	rBV	217753	395453	4.55%	0.444%
50	19.598	2787	2790	2795	rVB2	46492	52571	0.60%	0.059%
51	19.710	2804	2809	2839	rBV	4829681	8697360	100.00%	9.775%
52	20.186	2888	2890	2894	rBV3	41524	47485	0.55%	0.053%
53	20.616	2960	2963	2967	rVB3	50828	58710	0.68%	0.066%
54	20.669	2970	2972	2975	rVV	52952	48197	0.55%	0.054%
55	21.163	3047	3056	3069	rBV	529957	1721463	19.79%	1.935%
56	21.333	3082	3085	3090	rBV2	111770	141438	1.63%	0.159%
57	21.480	3104	3110	3122	rBV2	2219743	4673086	53.73%	5.252%
58	22.539	3287	3290	3297	rVB2	157609	215893	2.48%	0.243%
59	23.104	3383	3386	3392	rVB	206069	314310	3.61%	0.353%
60	23.751	3492	3496	3498	rBV2	256052	386908	4.45%	0.435%
61	23.798	3498	3504	3525	rVV2	3277562	7492616	86.15%	8.421%
62	23.968	3526	3533	3557	rVB	1514351	4304509	49.49%	4.838%
63	24.492	3619	3622	3629	rVB	272033	514099	5.91%	0.578%

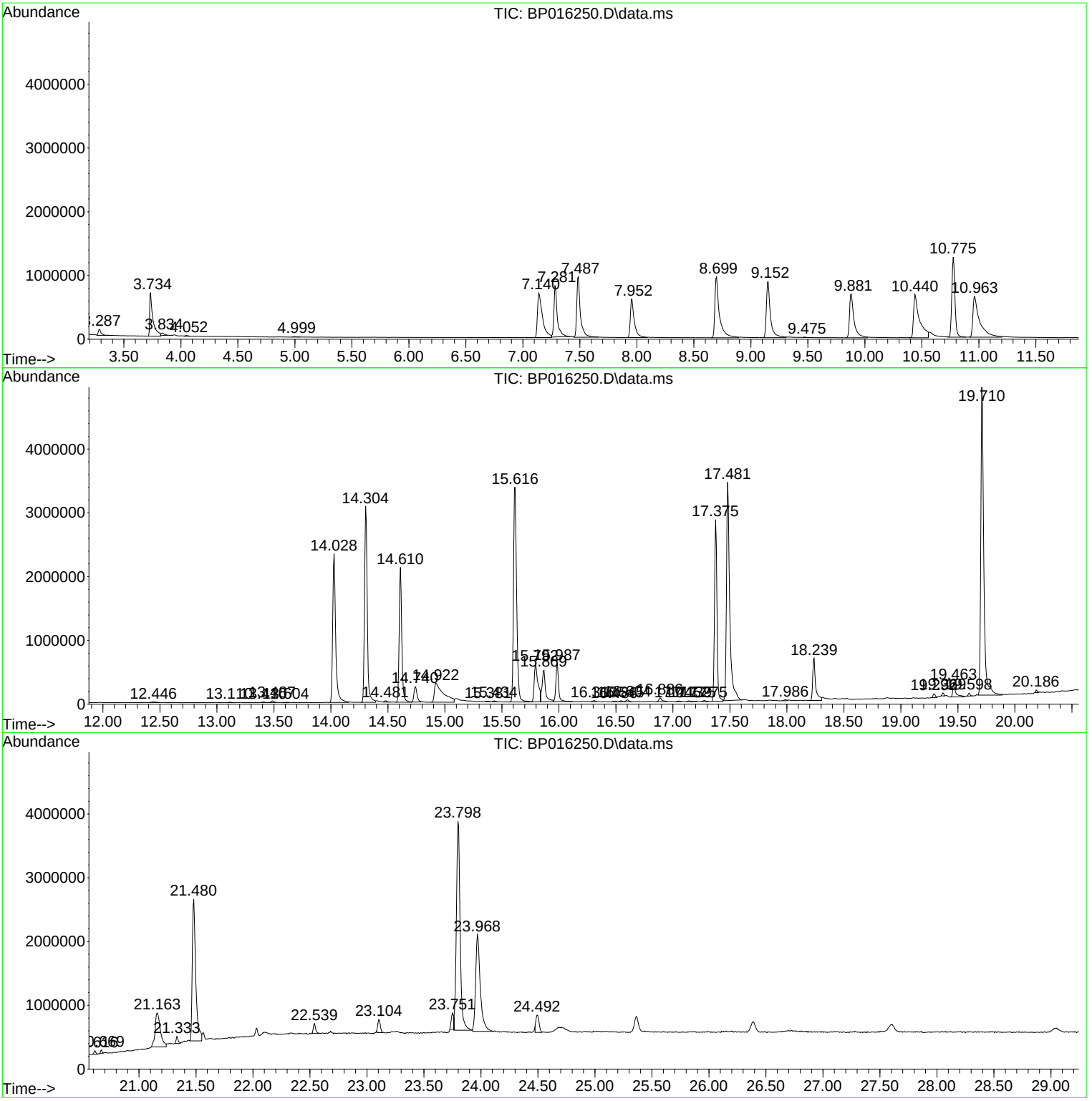
Sum of corrected areas: 88973592

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071723\
Data File : BP016250.D
Acq On : 17 Jul 2023 12:29
Operator : MA/JU
Sample : 03437-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A46K7

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 : BP016250.D
Acq On : 17 Jul 2023 12:29
Operator : MA/JU
Sample : 03437-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A46K7

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

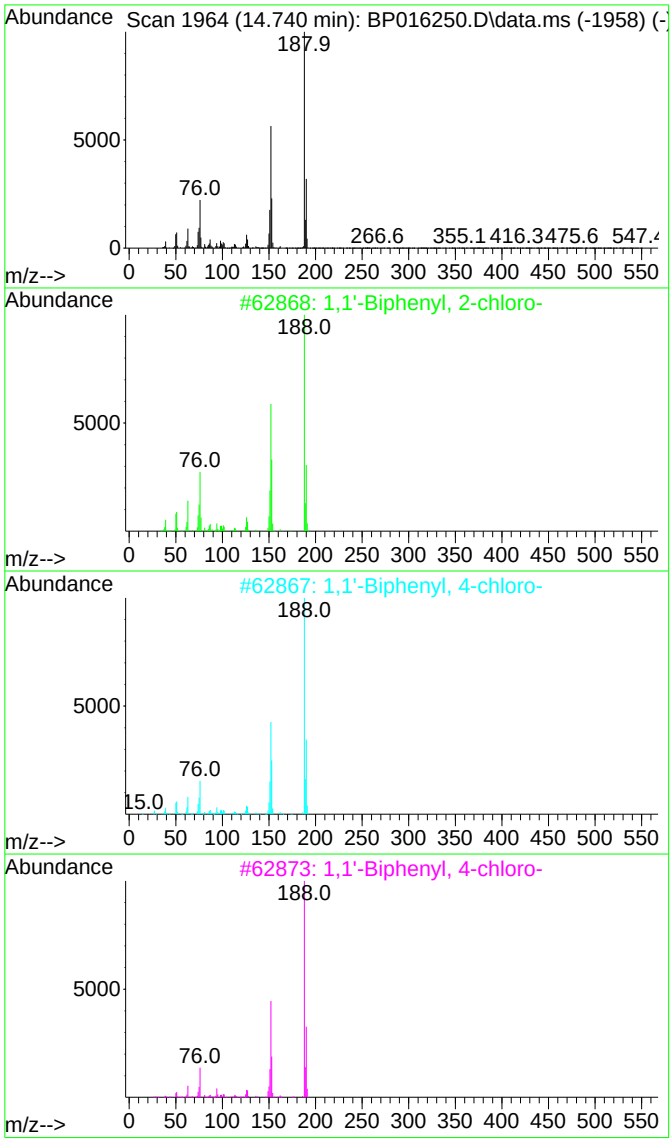
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

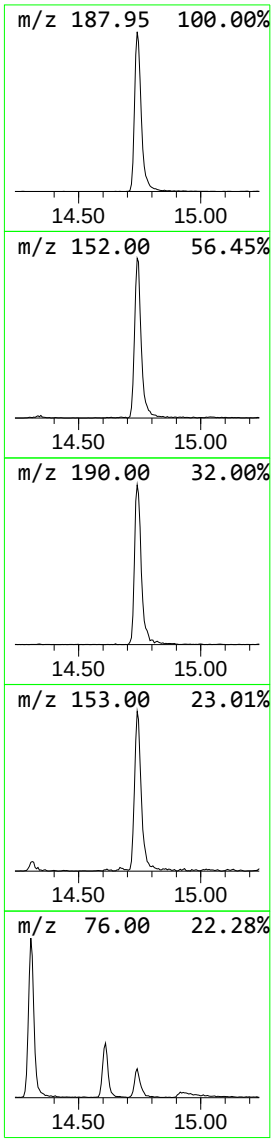
****

Peak Number 1 1,1'-Biphenyl, 2-chloro- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.740	2.69 ng/ul	448453	Acenaphthene-d10	14.610

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2-chloro-	188	C12H9Cl	002051-60-7	98
2	1,1'-Biphenyl, 4-chloro-	188	C12H9Cl	002051-62-9	96
3	1,1'-Biphenyl, 4-chloro-	188	C12H9Cl	002051-62-9	94
4	3-Chlorobiphenyl	188	C12H9Cl	002051-61-8	94
5	3-Chlorobiphenyl	188	C12H9Cl	002051-61-8	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071723\
Data File : BP016250.D
Acq On : 17 Jul 2023 12:29
Operator : MA/JU
Sample : 03437-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A46K7

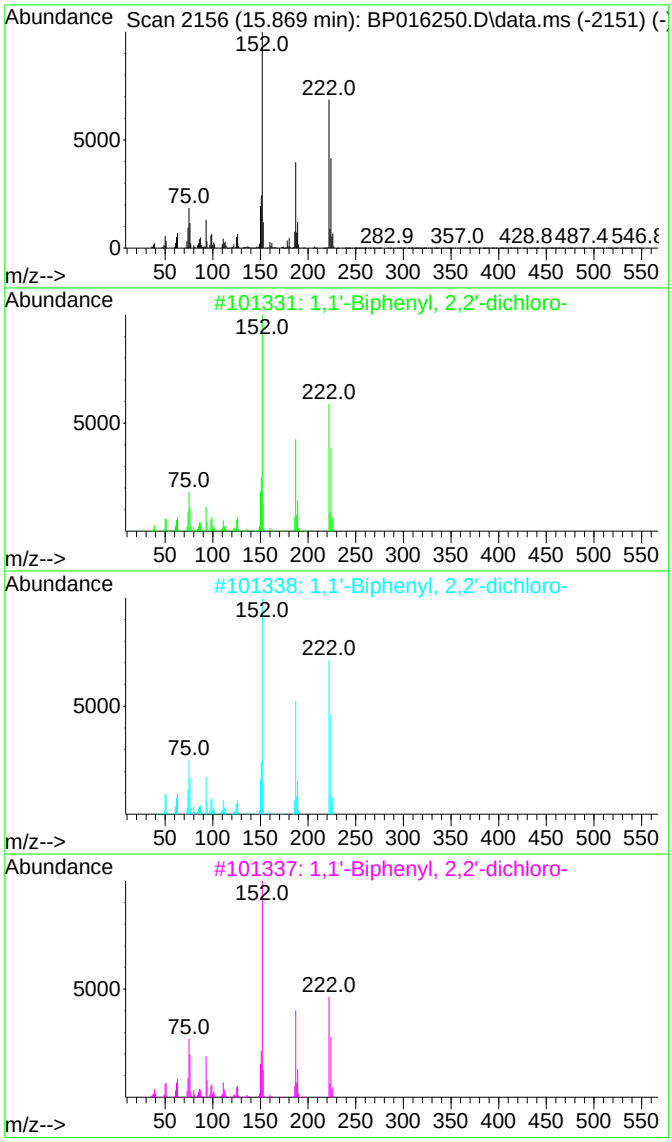
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
Quant Title : SVOA CALIBRATION

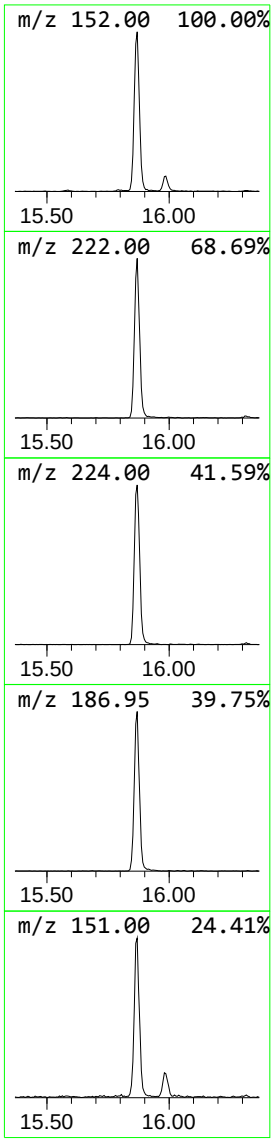
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 1,1'-Biphenyl, 2,2'-dichloro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.869	6.14 ng/ul	1023400	Acenaphthene-d10	14.610

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2'-dichloro-	222	C12H8Cl2	013029-08-8	99
2	1,1'-Biphenyl, 2,2'-dichloro-	222	C12H8Cl2	013029-08-8	98
3	1,1'-Biphenyl, 2,2'-dichloro-	222	C12H8Cl2	013029-08-8	97
4	1,1'-Biphenyl, 2,2'-dichloro-	222	C12H8Cl2	013029-08-8	95
5	1,1'-Biphenyl, 4,4'-dichloro-	222	C12H8Cl2	002050-68-2	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071723\
Data File : BP016250.D
Acq On : 17 Jul 2023 12:29
Operator : MA/JU
Sample : 03437-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A46K7

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

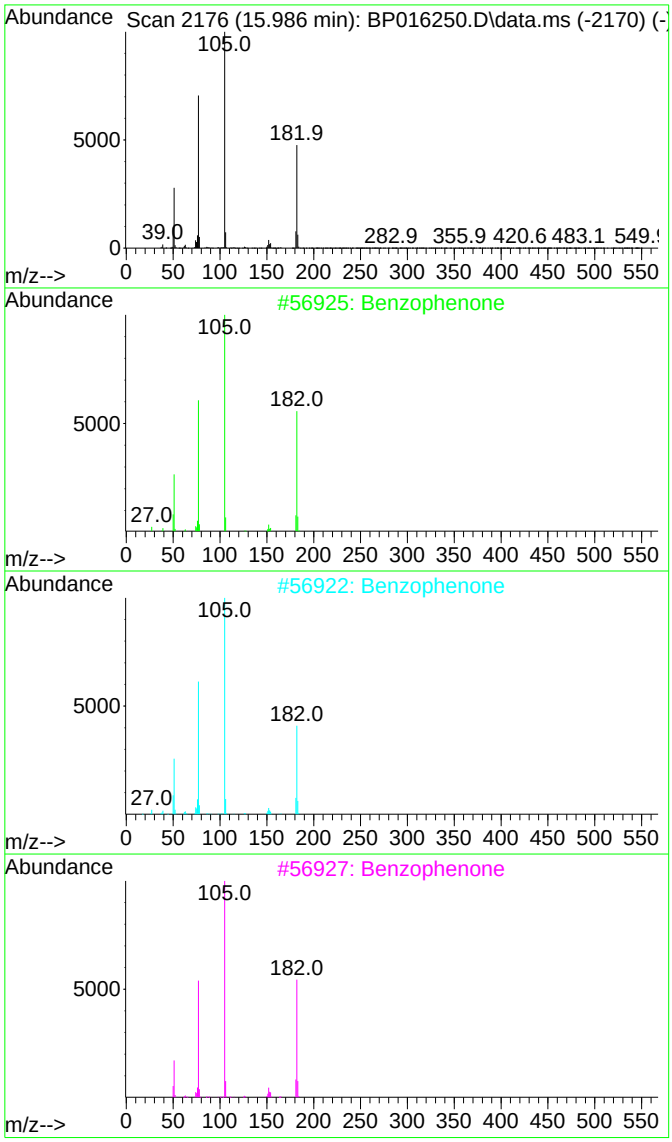
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

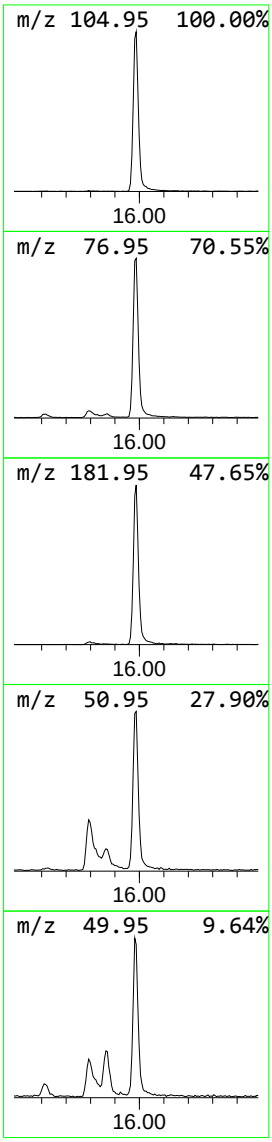
****

Peak Number 3 Benzophenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.986	5.74 ng/ul	957739	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	Benzophenone	182	C13H10O	000119-61-9	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071723\
Data File : BP016250.D
Acq On : 17 Jul 2023 12:29
Operator : MA/JU
Sample : 03437-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A46K7

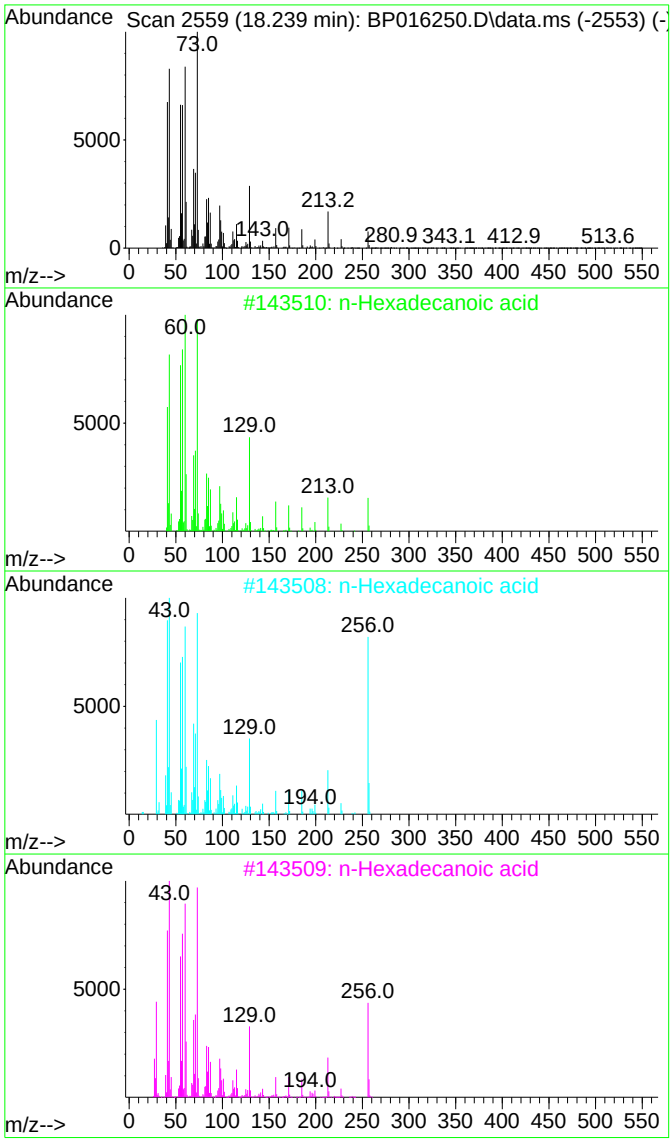
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
Quant Title : SVOA CALIBRATION

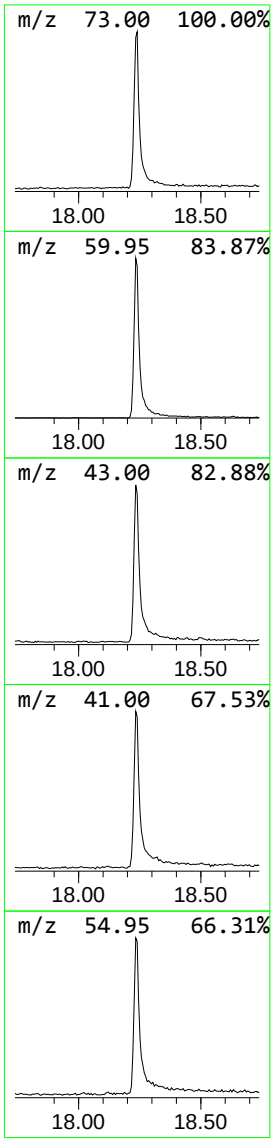
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.239	5.67 ng/ul	1175660	Phenanthrene-d10	17.375

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071723\
Data File : BP016250.D
Acq On : 17 Jul 2023 12:29
Operator : MA/JU
Sample : 03437-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A46K7

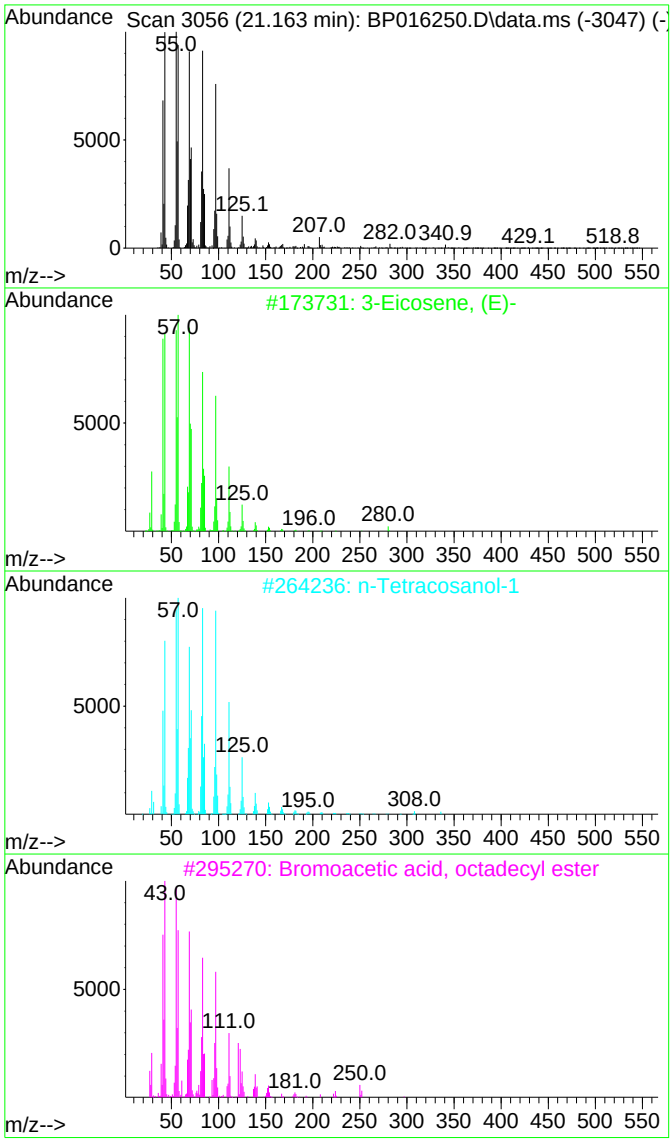
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
Quant Title : SVOA CALIBRATION

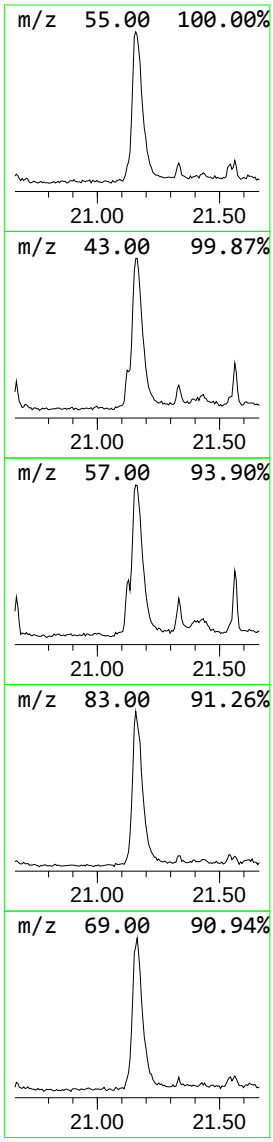
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.163	7.37 ng/ul	1721460	Chrysene-d12	21.480

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	95
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
3	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	94
4	n-Nonadecanol-1	284	C19H40O	001454-84-8	94
5	Behenic alcohol	326	C22H46O	000661-19-8	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071723\
Data File : BP016250.D
Acq On : 17 Jul 2023 12:29
Operator : MA/JU
Sample : 03437-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A46K7

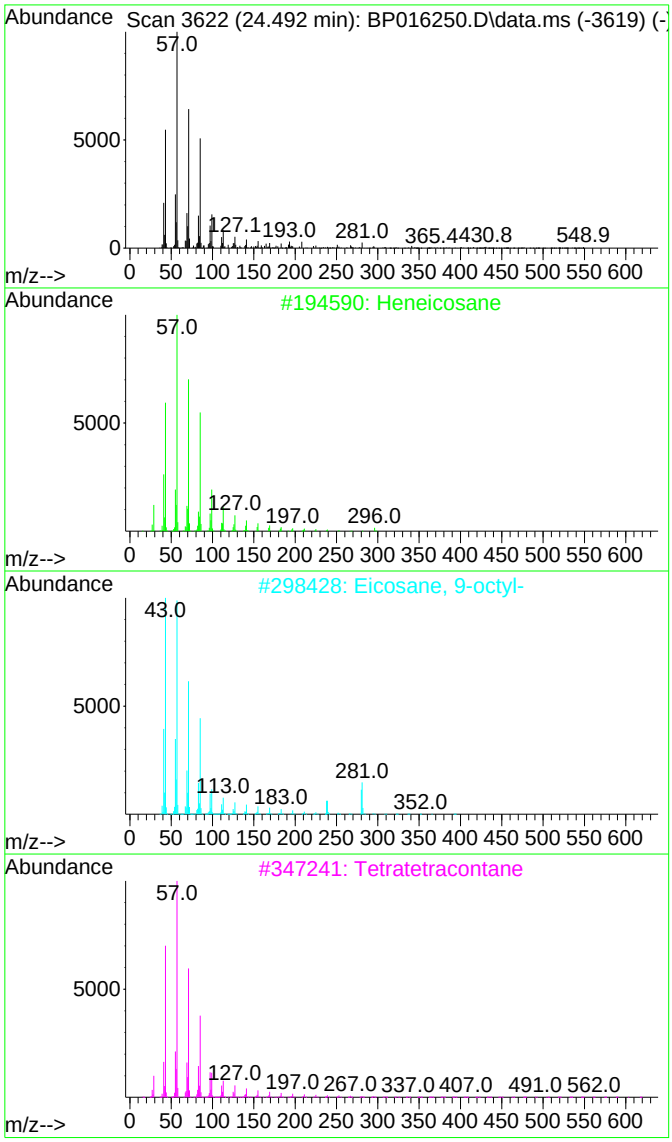
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
Quant Title : SVOA CALIBRATION

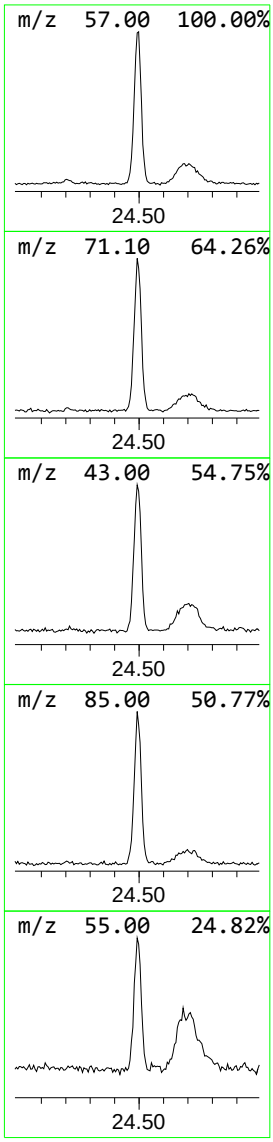
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.492	2.39 ng/ul	514099	Perylene-d12	23.968

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	97
2	Eicosane, 9-octyl-	394	C28H58	013475-77-9	93
3	Tetratetracontane	619	C44H90	007098-22-8	90
4	11-Methylpentacosane	366	C26H54	015689-71-1	90
5	2-Methylheptacosane	394	C28H58	001561-00-8	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071723\
Data File : BP016250.D
Acq On : 17 Jul 2023 12:29
Operator : MA/JU
Sample : 03437-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A46K7

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
1,1'-Biphenyl, ...	14.740	2.7	ng/ul	448453	3	14.610	3334960	20.0
1,1'-Biphenyl, ...	15.869	6.1	ng/ul	1023400	3	14.610	3334960	20.0
Benzophenone	15.986	5.7	ng/ul	957739	3	14.610	3334960	20.0
n-Hexadecanoic ...	18.239	5.7	ng/ul	1175660	4	17.375	4148360	20.0
(DEL) Alkane: S...	21.163	7.4	ng/ul	1721460	5	21.480	4673090	20.0
(DEL) Alkane: S...	24.492	2.4	ng/ul	514099	6	23.968	4304510	20.0