LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012023\
Data File : BN023732.D
Acq On : 20 Jan 2023 18:07
Operator : CG/JU
Sample : 01146-11ME
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4412ME

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-BN010523.M
Title : SVOA CALIBRATION

Signal : TIC: BN023732.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.275	28	32	37	rBV	48902	61705	0.25%	0.076%
2	3.699	101	104	129	rBV	600632	888955	3.54%	1.090%
3	4.034	157	161	168	rVB	19770	26426	0.11%	0.032%
4	4.981	316	322	328	rVB3	13298	27889	0.11%	0.034%
5	7.058	667	675	688	rBV	799904	1255042	5.00%	1.539%
6	7.222	697	703	714	rBV	653601	998542	3.98%	1.224%
7	7.422	730	737	746	rBV	819147	1274319	5.08%	1.562%
8	7.893	810	817	825	rVB	924361	1417010	5.64%	1.737%
9	8.605	931	938	948	rBV	986089	1517241	6.04%	1.860%
10	9.063	1008	1016	1031	rBV	743982	1202710	4.79%	1.474%
11	9.787	1132	1139	1150	rBV	601395	950869	3.79%	1.166%
12	10.322	1223	1230	1240	rBV	845696	1340351	5.34%	1.643%
13	10.704	1287	1295	1304	rBV	1117684	1824731	7.27%	2.237%
14	10.846	1312	1319	1339	rVB	916471	1522114	6.06%	1.866%
15	12.293	1555	1565	1571	rBV2	16088	27717	0.11%	0.034%
16	13.951	1841	1847	1856	rBV	1647408	2193447	8.74%	2.689%
17	14.234	1888	1895	1904	rBV	1873409	2641055	10.52%	3.238%
18	14.540	1938	1947	1955	rBV	1844306	2654612	10.57%	3.254%
19	14.740	1974	1981	1995	rBV	711360	1044174	4.16%	1.280%
20	15.534	2110	2116	2122	rVB	2384747	3291327	13.11%	4.035%
21	15.651	2130	2136	2148	rBV	522987	697626	2.78%	0.855%
22	15.792	2154	2160	2162	rVV	370821	558068	2.22%	0.684%
23	15.816	2162	2164	2172	rVB	825680	1002741	3.99%	1.229%
24	15.898	2172	2178	2184	rBV	472972	611918	2.44%	0.750%
25	16.128	2211	2217	2222	rBV	544063	707387	2.82%	0.867%
26	16.351	2251	2255	2259	rBV	25832	30290	0.12%	0.037%
27	16.398	2259	2263	2267	rBV	34977	49134	0.20%	0.060%
28	16.516	2278	2283	2289	rBV	228193	310347	1.24%	0.380%
29	16.816	2327	2334	2342	rVB	203358	260898	1.04%	0.320%
30	17.163	2388	2393	2396	rBV	143854	192186	0.77%	0.236%
31	17.198	2396	2399	2405	rVV	206588	263345	1.05%	0.323%
32	17.286	2406	2414	2424	rVV	2298249	3325456	13.25%	4.077%
33	17.386	2424	2431	2438	rVV	2538504	3465921	13.81%	4.249%
34	17.463	2438	2444	2455	rVB2	345397	513865	2.05%	0.630%
35	17.739	2486	2491	2494	rBV	60558	84782	0.34%	0.104%
36	17.769	2494	2496	2502	rVB	26713	28773	0.11%	0.035%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012023\
Data File : BN023732.D
Acq On : 20 Jan 2023 18:07
Operator : CG/JU
Sample : 01146-11ME
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4412ME

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-BN010523.M
Title : SVOA CALIBRATION

37	17.886	2509	2516	2524	rBV	496264	943214	3.76%	1.156%
38	18.016	2531	2538	2543	rBV3	144428	246749	0.98%	0.303%
39	18.081	2545	2549	2553	rBV2	32605	39113	0.16%	0.048%
40	18.139	2554	2559	2562	rBV	147365	190889	0.76%	0.234%
41	18.181	2562	2566	2574	rVB3	161019	295833	1.18%	0.363%
42	18.304	2583	2587	2591	rVB2	24498	31995	0.13%	0.039%
43	18.357	2591	2596	2602	rVV	263367	349996	1.39%	0.429%
44	18.416	2602	2606	2610	rVV	205096	266137	1.06%	0.326%
45	18.457	2610	2613	2619	rVB	202056	261896	1.04%	0.321%
46	18.604	2634	2638	2640	rBV	38801	41944	0.17%	0.051%
47	18.639	2640	2644	2649	rVV	210331	299205	1.19%	0.367%
48	18.686	2649	2652	2657	rVV	94114	128726	0.51%	0.158%
49	18.739	2657	2661	2665	rVV	65773	91790	0.37%	0.113%
50	18.781	2665	2668	2671	rVV	115153	147196	0.59%	0.180%
51	18.816	2671	2674	2679	rVB	207693	253112	1.01%	0.310%
52	18.916	2687	2691	2696	rVB4	40967	51073	0.20%	0.063%
53	19.128	2723	2727	2730	rBV	62702	69004	0.27%	0.085%
54	19.175	2731	2735	2738	rBV	62935	88843	0.35%	0.109%
55	19.210	2738	2741	2745	rVV2	74765	115276	0.46%	0.141%
56	19.239	2745	2746	2751	rVB	32929	32316	0.13%	0.040%
57	19.316	2755	2759	2766	rVB	35121	55283	0.22%	0.068%
58	19.457	2780	2783	2786	rBV3	48794	58392	0.23%	0.072%
59	19.680	2815	2821	2827	rBV2	3030769	3995879	15.92%	4.899%
60	20.222	2911	2913	2916	rVB2	31261	28548	0.11%	0.035%
61	20.722	2995	2998	3001	rVB	52495	47381	0.19%	0.058%
62	21.186	3073	3077	3087	rBV	648164	804376	3.20%	0.986%
63	21.404	3108	3114	3118	rBV	19301830	25103837	100.00%	30.776%
64	21.486	3123	3128	3135	rVB	2445293	2874851	11.45%	3.524%
65	21.639	3151	3154	3159	rVB2	71443	84119	0.34%	0.103%
66	23.751	3507	3513	3526	rVB	1764659	3464762	13.80%	4.248%
67	23.910	3533	3540	3549	rVB2	1314615	2844661	11.33%	3.487%

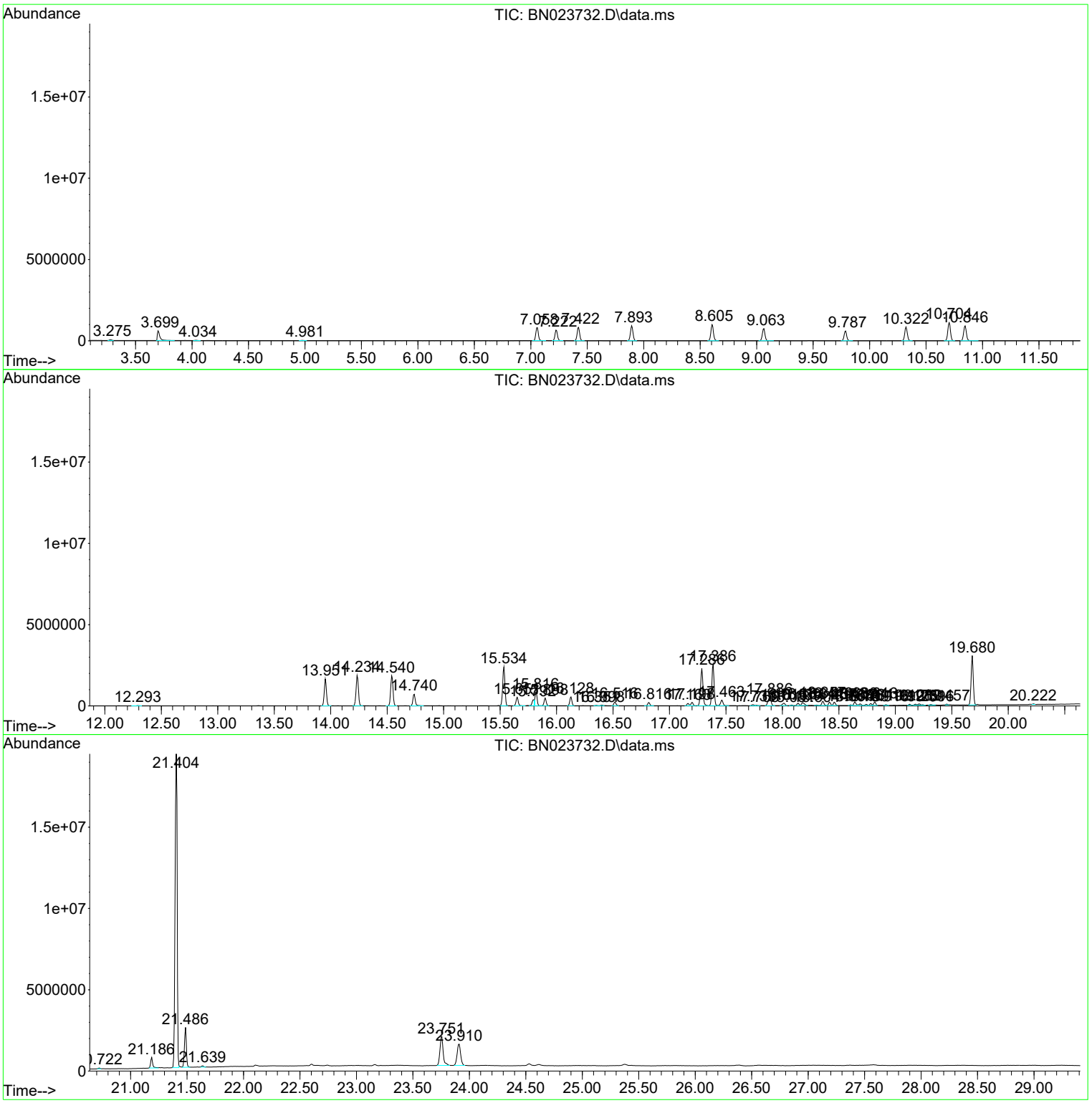
Sum of corrected areas: 81569369

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012023\
Data File : BN023732.D
Acq On : 20 Jan 2023 18:07
Operator : CG/JU
Sample : 01146-11ME
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4412ME

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN010523.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012023\
Data File : BN023732.D
Acq On : 20 Jan 2023 18:07
Operator : CG/JU
Sample : 01146-11ME
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4412ME

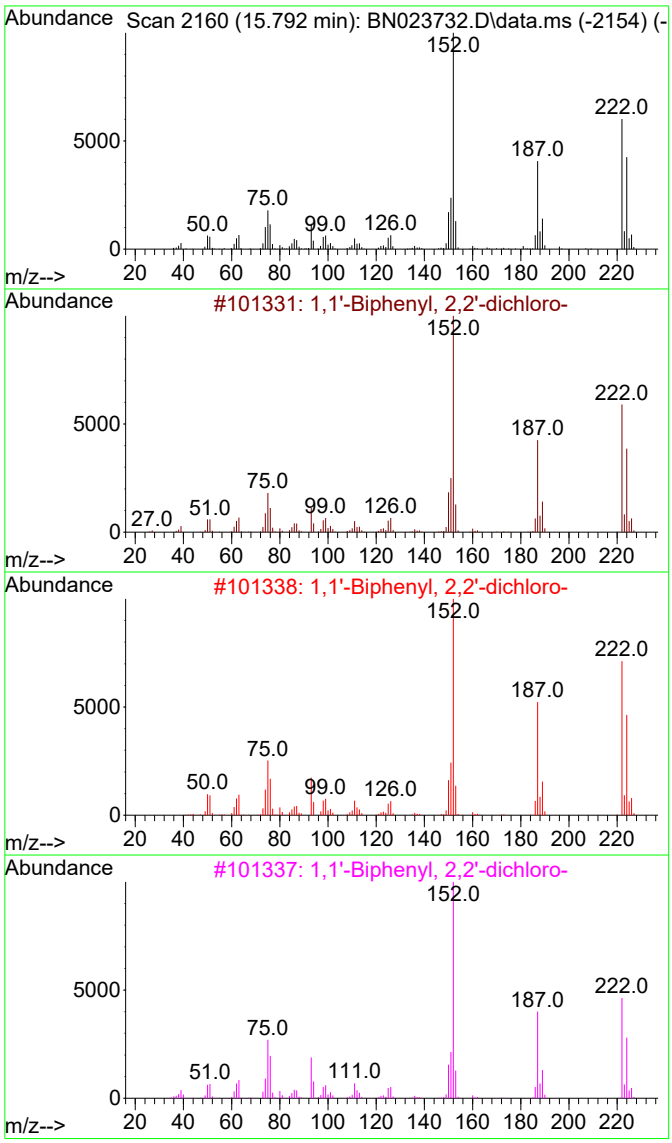
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN010523.M
Quant Title : SVOA CALIBRATION

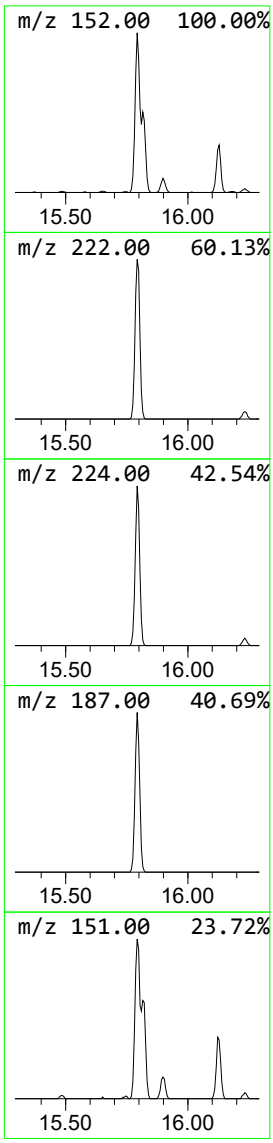
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 1,1'-Biphenyl, 2,2'-dichloro- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.792	4.20 ng/ul	558068	Acenaphthene-d10	14.540

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	99
3	1,1'-Biphenyl, 2,2'-dichloro-	222	C12H8Cl2	013029-08-8	99
4	1,1'-Biphenyl, 2,2'-dichloro-	222	C12H8Cl2	013029-08-8	97
5	1,1'-Biphenyl, 2,4'-dichloro-	222	C12H8Cl2	034883-43-7	97





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012023\
Data File : BN023732.D
Acq On : 20 Jan 2023 18:07
Operator : CG/JU
Sample : 01146-11ME
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4412ME

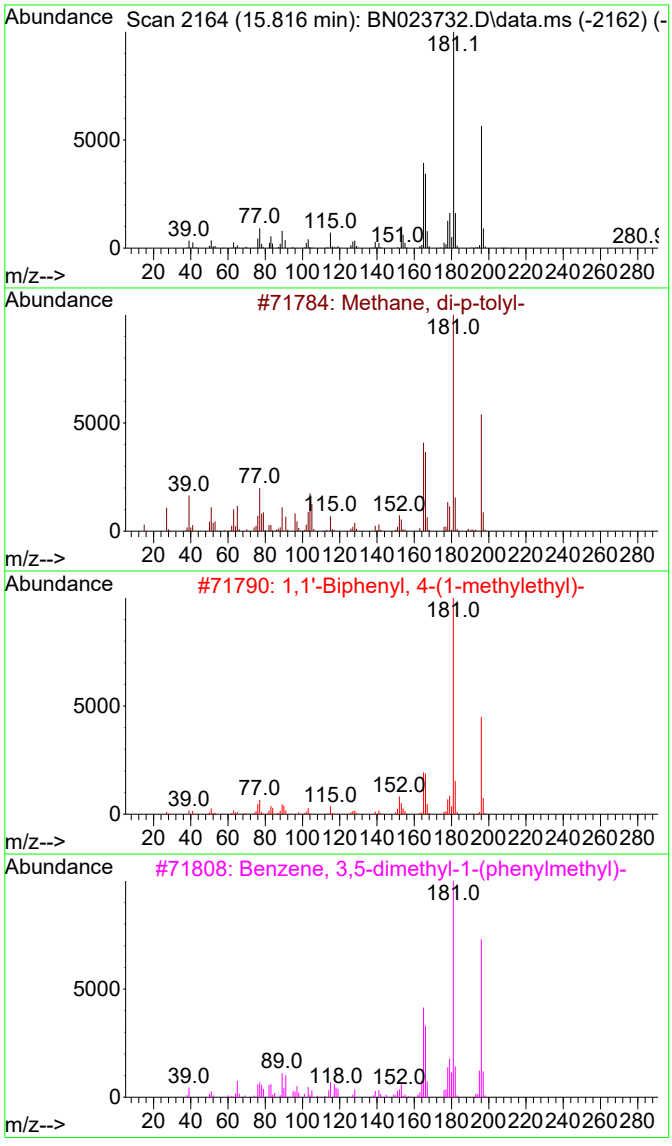
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN010523.M
Quant Title : SVOA CALIBRATION

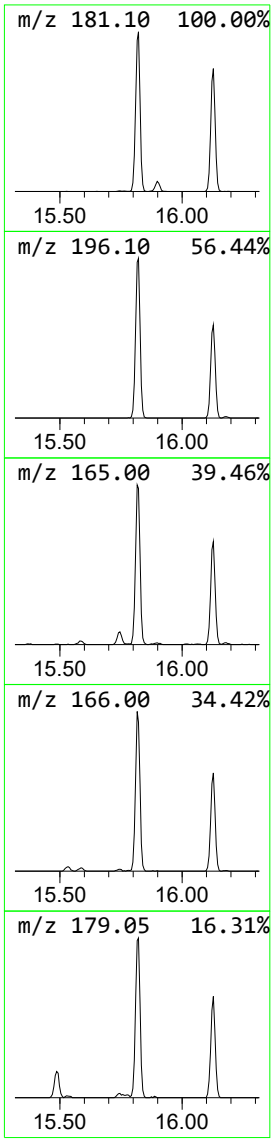
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Methane, di-p-tolyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.816	7.55 ng/ul	1002740	Acenaphthene-d10	14.540

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methane, di-p-tolyl-	196	C15H16	004957-14-6	95
2	1,1'-Biphenyl, 4-(1-methylethyl)-	196	C15H16	007116-95-2	94
3	Benzene, 3,5-dimethyl-1-(phenylm...	196	C15H16	028122-27-2	94
4	1,1'-Biphenyl, 3-(1-methylethyl)-	196	C15H16	020282-30-8	93
5	1,1'-Biphenyl, 4-(1-methylethyl)-	196	C15H16	007116-95-2	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012023\
Data File : BN023732.D
Acq On : 20 Jan 2023 18:07
Operator : CG/JU
Sample : 01146-11ME
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4412ME

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN010523.M
Quant Title : SVOA CALIBRATION

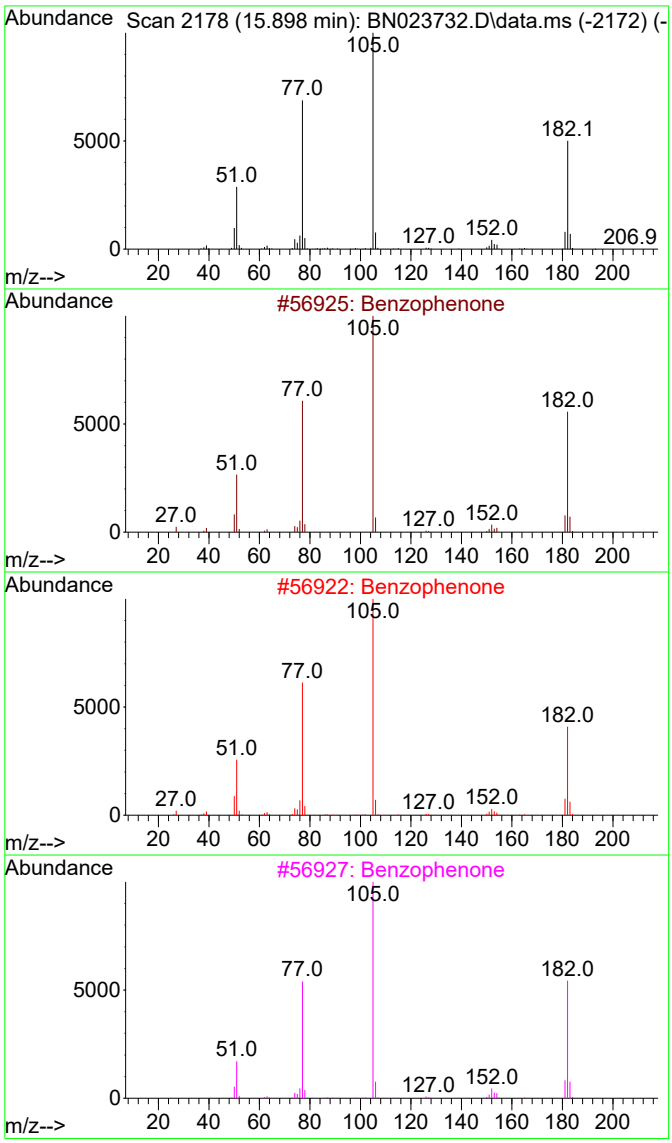
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

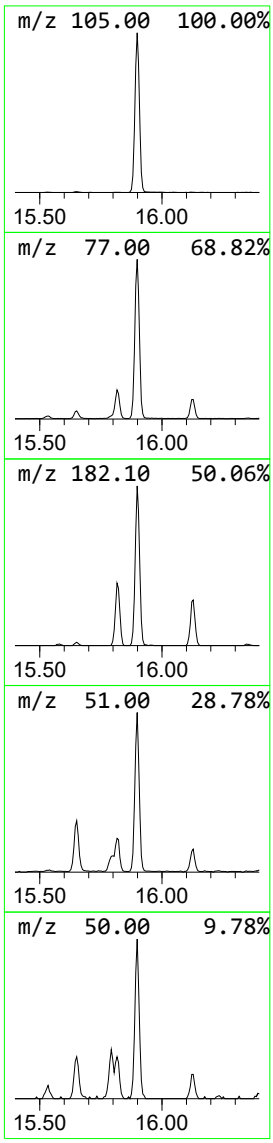
****

Peak Number 3 Benzophenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.898	4.61 ng/ul	611918	Acenaphthene-d10	14.540

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	95
5	Benzophenone	182	C13H10O	000119-61-9	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012023\
Data File : BN023732.D
Acq On : 20 Jan 2023 18:07
Operator : CG/JU
Sample : 01146-11ME
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4412ME

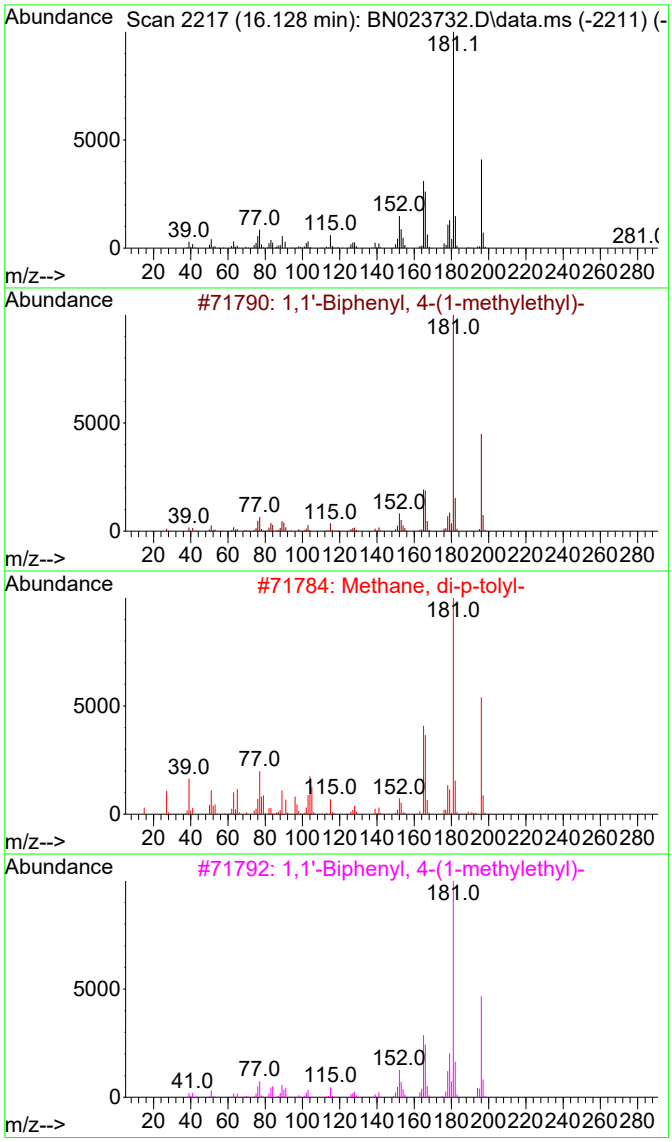
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN010523.M
Quant Title : SVOA CALIBRATION

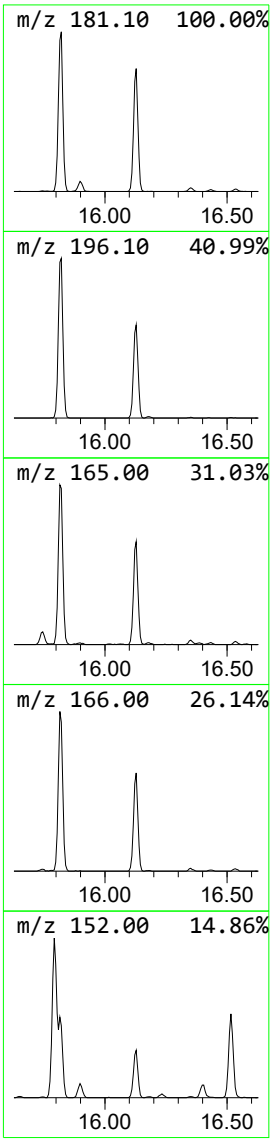
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 1,1'-Biphenyl, 4-(1-methyle... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.128	4.25 ng/ul	707387	Phenanthrene-d10	17.287

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 4-(1-methylethyl)-	196	C15H16	007116-95-2	96
2	Methane, di-p-tolyl-	196	C15H16	004957-14-6	94
3	1,1'-Biphenyl, 4-(1-methylethyl)-	196	C15H16	007116-95-2	93
4	Methane, di-p-tolyl-	196	C15H16	004957-14-6	91
5	Benzene, 1-methyl-3-[(4-methylph...	196	C15H16	021895-16-9	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012023\
Data File : BN023732.D
Acq On : 20 Jan 2023 18:07
Operator : CG/JU
Sample : 01146-11ME
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4412ME

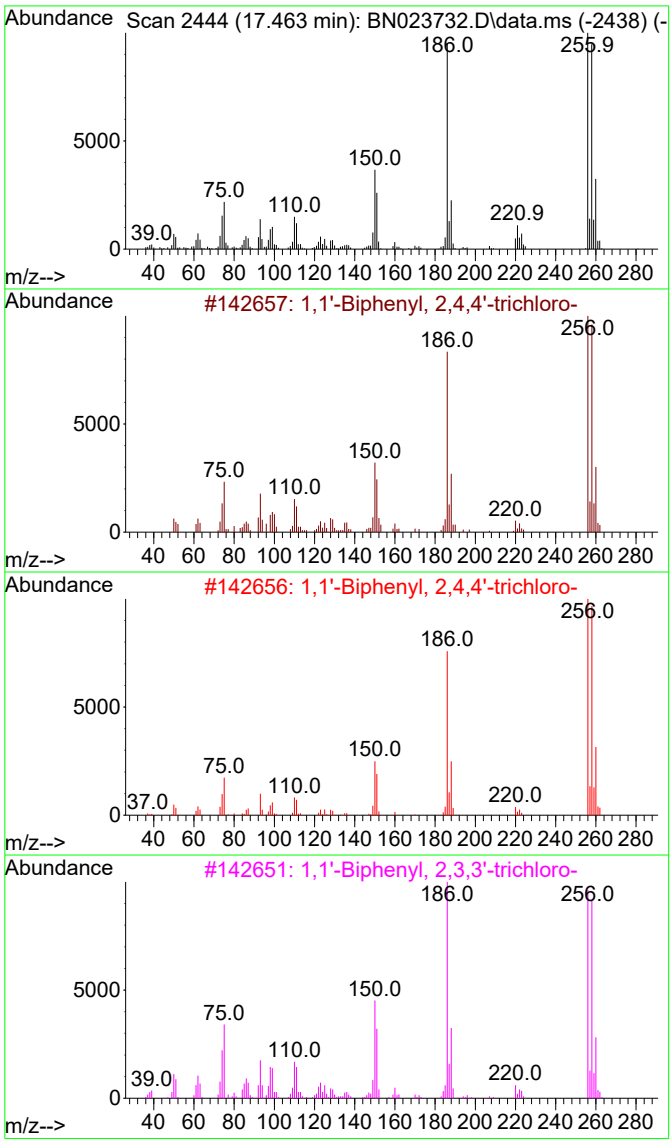
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN010523.M
Quant Title : SVOA CALIBRATION

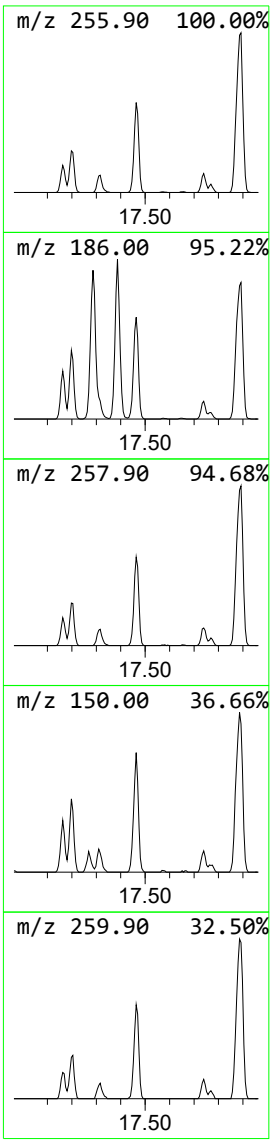
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 1,1'-Biphenyl, 2,4,4'-trich... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.463	3.09 ng/ul	513865	Phenanthrene-d10	17.287

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	99
2	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	99
3	1,1'-Biphenyl, 2,3,3'-trichloro-	256	C12H7Cl3	038444-84-7	99
4	1,1'-Biphenyl, 2,4',5-trichloro-	256	C12H7Cl3	016606-02-3	98
5	1,1'-Biphenyl, 3,3',5-trichloro-	256	C12H7Cl3	038444-87-0	98





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012023\
Data File : BN023732.D
Acq On : 20 Jan 2023 18:07
Operator : CG/JU
Sample : 01146-11ME
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4412ME

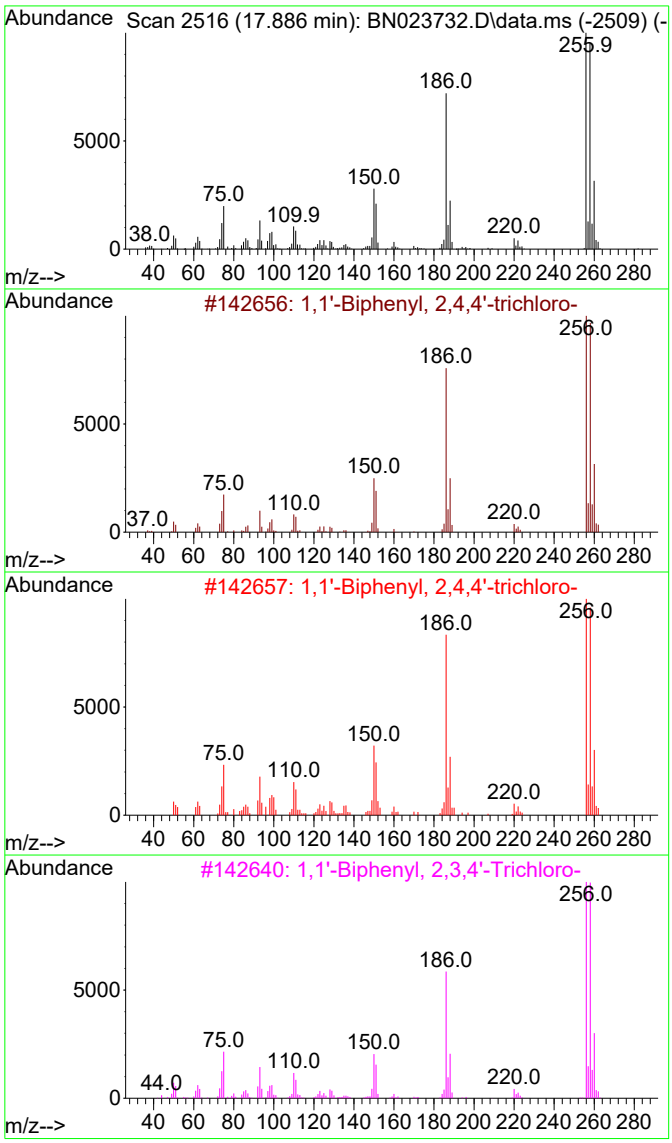
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN010523.M
Quant Title : SVOA CALIBRATION

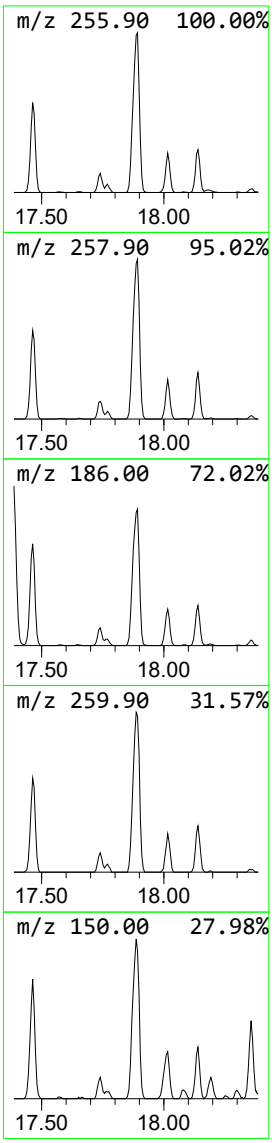
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 1,1'-Biphenyl, 2,3,4'-Trich... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.886	5.67 ng/ul	943214	Phenanthrene-d10	17.287

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	99
2	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	99
3	1,1'-Biphenyl, 2,3,4'-Trichloro-	256	C12H7Cl3	038444-85-8	99
4	1,1'-Biphenyl, 2,3,4-trichloro-	256	C12H7Cl3	055702-46-0	99
5	1,1'-Biphenyl, 2',3,4-trichloro-	256	C12H7Cl3	038444-86-9	99





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012023\
Data File : BN023732.D
Acq On : 20 Jan 2023 18:07
Operator : CG/JU
Sample : 01146-11ME
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4412ME

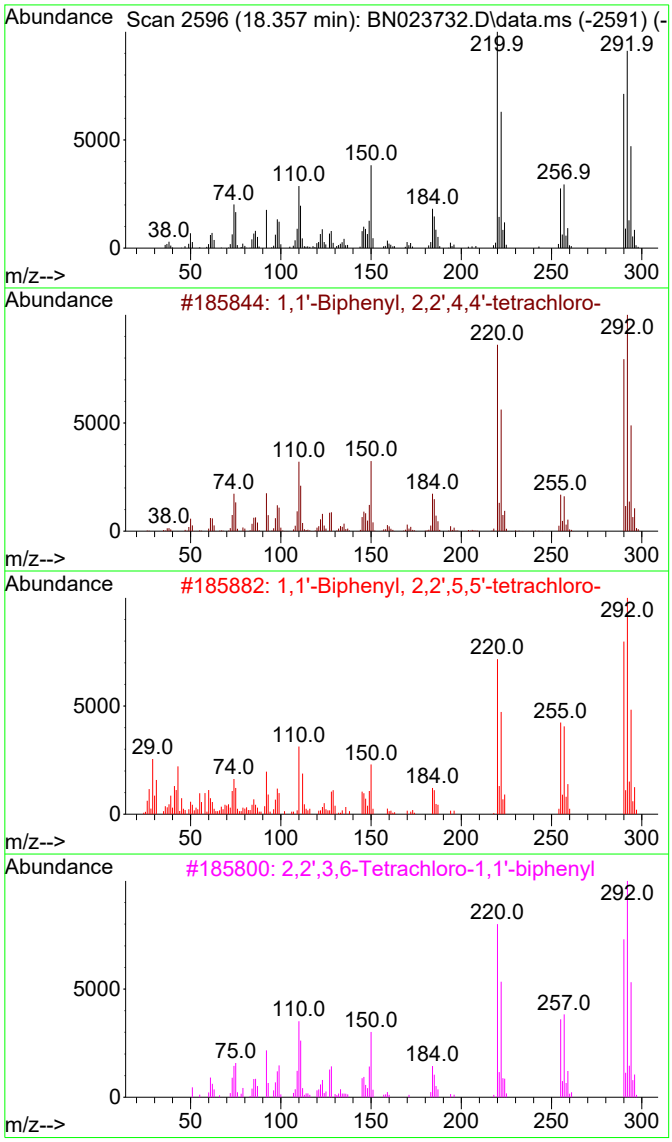
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN010523.M
Quant Title : SVOA CALIBRATION

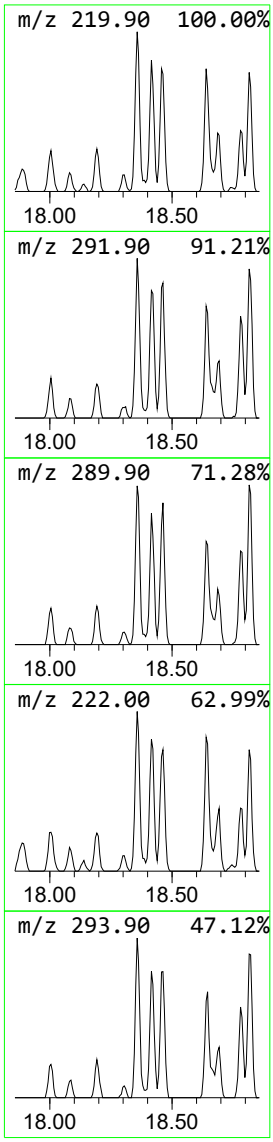
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 1,1'-Biphenyl, 2,2',4,4'-te... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.357	2.10 ng/ul	349996	Phenanthrene-d10	17.287

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
2	1,1'-Biphenyl, 2,2',5,5'-tetrach...	290	C12H6Cl4	035693-99-3	99
3	2,2',3,6-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-45-7	99
4	2,2',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-47-9	99
5	1,1'-Biphenyl, 2,2',5,5'-tetrach...	290	C12H6Cl4	035693-99-3	99





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Data File : BN023732.D
Acq On : 20 Jan 2023 18:07
Operator : CG/JU
Sample : 01146-11ME
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4412ME

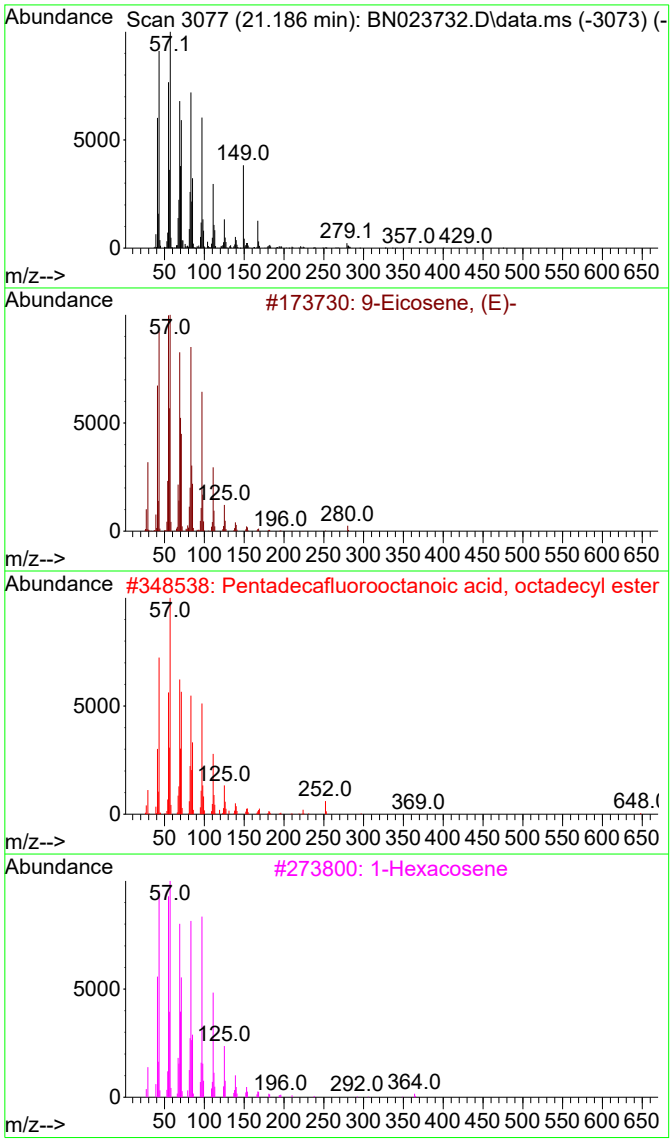
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN010523.M
Quant Title : SVOA CALIBRATION

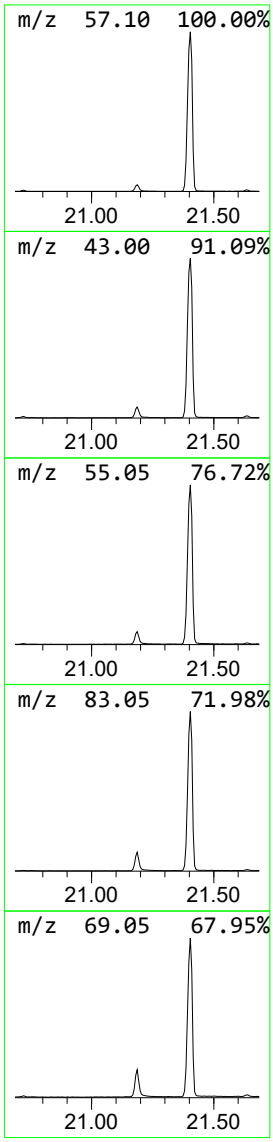
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.186	5.60 ng/ul	804376	Chrysene-d12	21.486

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Eicosene, (E)-	280	C20H40	074685-29-3	91
2	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	90
3	1-Hexacosene	364	C26H52	018835-33-1	90
4	3-Eicosene, (E)-	280	C20H40	074685-33-9	86
5	1-Eicosene	280	C20H40	003452-07-1	83





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012023\
Data File : BN023732.D
Acq On : 20 Jan 2023 18:07
Operator : CG/JU
Sample : 01146-11ME
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4412ME

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN010523.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, ...	15.792	4.2	ng/ul	558068	3	14.540	2654610	20.0
Methane, di-p-t...	15.816	7.5	ng/ul	1002740	3	14.540	2654610	20.0
Benzophenone	15.898	4.6	ng/ul	611918	3	14.540	2654610	20.0
1,1'-Biphenyl, ...	16.128	4.3	ng/ul	707387	4	17.287	3325460	20.0
1,1'-Biphenyl, ...	17.463	3.1	ng/ul	513865	4	17.287	3325460	20.0
1,1'-Biphenyl, ...	17.886	5.7	ng/ul	943214	4	17.287	3325460	20.0
1,1'-Biphenyl, ...	18.357	2.1	ng/ul	349996	4	17.287	3325460	20.0
(DEL) Alkane: S...	21.186	5.6	ng/ul	804376	5	21.486	2874850	20.0