LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042023\
Data File : BP014769.D
Acq On : 20 Apr 2023 22:25
Operator : CG/JU
Sample : 02296-09DL2 20X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DCBL2DL2

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-BP041823.M
Title : SVOA CALIBRATION

Signal : TIC: BP014769.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.217	3	5	12	rVB	130478	130906	1.41%	0.201%
2	4.264	177	183	190	rBV	24796	37581	0.40%	0.058%
3	5.622	408	414	422	rBV	19223	29005	0.31%	0.045%
4	6.134	491	501	508	rBV2	15126	27599	0.30%	0.042%
5	6.652	585	589	593	rBV2	17984	26378	0.28%	0.041%
6	6.822	610	618	624	rVB	94509	144722	1.55%	0.222%
7	7.287	691	697	701	rVV2	19531	32739	0.35%	0.050%
8	7.363	705	710	717	rVB	22469	37341	0.40%	0.057%
9	7.463	722	727	732	rBV	58982	90678	0.97%	0.139%
10	7.669	758	762	768	rVB	37126	59180	0.64%	0.091%
11	7.793	777	783	790	rVB2	50190	78944	0.85%	0.121%
12	7.869	790	796	802	rBV	22314	35384	0.38%	0.054%
13	8.152	834	844	853	rBV	1040327	1663050	17.86%	2.554%
14	8.263	856	863	873	rBV2	24221	63879	0.69%	0.098%
15	8.369	876	881	887	rVB3	23857	39036	0.42%	0.060%
16	8.528	901	908	915	rBV	427077	672706	7.22%	1.033%
17	8.693	929	936	944	rVB	654327	1029504	11.06%	1.581%
18	8.846	957	962	971	rVB	31664	50083	0.54%	0.077%
19	9.316	1037	1042	1052	rVB2	48567	104944	1.13%	0.161%
20	9.516	1071	1076	1083	rVB	40429	67802	0.73%	0.104%
21	9.640	1089	1097	1104	rBV	88826	185300	1.99%	0.285%
22	9.705	1104	1108	1114	rVB2	21845	36718	0.39%	0.056%
23	10.046	1160	1166	1172	rBV2	24836	43073	0.46%	0.066%
24	10.216	1189	1195	1204	rVB2	30489	54667	0.59%	0.084%
25	10.369	1216	1221	1231	rVB5	59571	150136	1.61%	0.231%
26	10.469	1233	1238	1242	rVV	24332	45142	0.48%	0.069%
27	10.581	1252	1257	1266	rVB	49975	95038	1.02%	0.146%
28	10.981	1313	1325	1328	rVV	1365727	2349264	25.23%	3.607%
29	11.028	1328	1333	1341	rVV	5451662	9312521	100.00%	14.299%
30	11.110	1341	1347	1348	rVV2	33835	56695	0.61%	0.087%
31	11.146	1348	1353	1361	rVB	383545	672476	7.22%	1.033%
32	12.081	1506	1512	1520	rBV3	16006	30953	0.33%	0.048%
33	12.516	1579	1586	1592	rBV	78813	126977	1.36%	0.195%
34	12.622	1597	1604	1610	rVV	1146027	1699185	18.25%	2.609%
35	12.734	1617	1623	1629	rVV	178784	291284	3.13%	0.447%
36	12.840	1629	1641	1648	rVB	1968515	3081476	33.09%	4.732%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042023\
Data File : BP014769.D
Acq On : 20 Apr 2023 22:25
Operator : CG/JU
Sample : 02296-09DL2 20X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DCBL2DL2

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-BP041823.M
Title : SVOA CALIBRATION

37	13.251	1705	1711	1716	rVB2	27984	44439	0.48%	0.068%
38	13.616	1765	1773	1778	rVV	978989	1342698	14.42%	2.062%
39	13.669	1778	1782	1787	rVB	21517	33786	0.36%	0.052%
40	13.810	1801	1806	1818	rVB	224753	400691	4.30%	0.615%
41	13.945	1818	1829	1830	rBV2	160366	284825	3.06%	0.437%
42	14.098	1847	1855	1860	rBV	292210	512753	5.51%	0.787%
43	14.157	1860	1865	1867	rBV	177652	290551	3.12%	0.446%
44	14.334	1890	1895	1899	rBV	92854	139333	1.50%	0.214%
45	14.369	1899	1901	1906	rVB2	40637	46623	0.50%	0.072%
46	14.475	1913	1919	1929	rBV3	153827	392098	4.21%	0.602%
47	14.781	1959	1971	1976	rBV	2128520	3269621	35.11%	5.020%
48	14.845	1976	1982	1988	rVV	6150730	8697393	93.39%	13.355%
49	14.904	1988	1992	1998	rVV	487346	678432	7.29%	1.042%
50	15.045	2012	2016	2019	rBV	23738	33889	0.36%	0.052%
51	15.087	2019	2023	2027	rVB	89592	119463	1.28%	0.183%
52	15.175	2032	2038	2045	rVV	2922163	4157015	44.64%	6.383%
53	15.245	2045	2050	2060	rVB7	24764	52874	0.57%	0.081%
54	15.387	2068	2074	2078	rBV6	15630	33645	0.36%	0.052%
55	15.481	2087	2090	2096	rVB2	17658	27152	0.29%	0.042%
56	15.557	2096	2103	2106	rBV6	15271	27512	0.30%	0.042%
57	15.769	2129	2139	2143	rVV	203362	318515	3.42%	0.489%
58	15.822	2143	2148	2154	rVV	1611589	2298755	24.68%	3.530%
59	15.869	2154	2156	2160	rVV3	22263	33919	0.36%	0.052%
60	15.916	2160	2164	2166	rVV3	43303	68671	0.74%	0.105%
61	15.945	2166	2169	2172	rVV	80218	125554	1.35%	0.193%
62	15.987	2172	2176	2181	rVV2	132428	221433	2.38%	0.340%
63	16.034	2181	2184	2187	rVV3	38522	61481	0.66%	0.094%
64	16.075	2187	2191	2194	rVV	57800	88909	0.95%	0.137%
65	16.116	2194	2198	2206	rVV3	162106	262478	2.82%	0.403%
66	16.216	2206	2215	2218	rVV4	16434	38894	0.42%	0.060%
67	16.257	2218	2222	2231	rVV3	126869	278972	3.00%	0.428%
68	16.328	2231	2234	2236	rVV	19637	27143	0.29%	0.042%
69	16.498	2251	2263	2272	rBV2	148978	288439	3.10%	0.443%
70	16.616	2279	2283	2289	rVB	65491	95580	1.03%	0.147%
71	16.692	2294	2296	2303	rVB4	21654	34595	0.37%	0.053%
72	16.781	2305	2311	2312	rVV	37694	62283	0.67%	0.096%
73	16.828	2316	2319	2323	rVV	37568	55376	0.59%	0.085%
74	16.981	2340	2345	2351	rVB2	25477	37453	0.40%	0.058%
75	17.298	2388	2399	2402	rBV5	30505	65414	0.70%	0.100%
76	17.345	2402	2407	2412	rVB	181070	247725	2.66%	0.380%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042023\
Data File : BP014769.D
Acq On : 20 Apr 2023 22:25
Operator : CG/JU
Sample : 02296-09DL2 20X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCBL2DL2

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-BP041823.M
Title : SVOA CALIBRATION

77	17.528	2432	2438	2442	rBV	2657045	3722858	39.98%	5.716%
78	17.569	2442	2445	2451	rVB	2039061	2775293	29.80%	4.261%
79	17.628	2451	2455	2459	rBV	213061	273643	2.94%	0.420%
80	17.722	2464	2471	2480	rVB9	29764	68592	0.74%	0.105%
81	17.922	2500	2505	2511	rVB	372986	485166	5.21%	0.745%
82	18.010	2511	2520	2526	rBV4	53289	142588	1.53%	0.219%
83	18.069	2526	2530	2536	rVB2	76704	105736	1.14%	0.162%
84	18.145	2536	2543	2544	rBV6	12977	27204	0.29%	0.042%
85	18.339	2572	2576	2579	rVB	27095	32118	0.34%	0.049%
86	18.381	2579	2583	2586	rBV	39168	48895	0.53%	0.075%
87	18.422	2586	2590	2597	rVB2	133047	197916	2.13%	0.304%
88	18.486	2597	2601	2607	rBV2	34012	50980	0.55%	0.078%
89	18.575	2609	2616	2624	rBV	100736	173604	1.86%	0.267%
90	18.798	2649	2654	2658	rBV	59855	83856	0.90%	0.129%
91	18.845	2658	2662	2667	rBV2	18710	33439	0.36%	0.051%
92	18.898	2667	2671	2675	rBV3	26747	35376	0.38%	0.054%
93	19.516	2771	2776	2781	rVB	153120	198109	2.13%	0.304%
94	19.839	2826	2831	2834	rBV	271190	373910	4.02%	0.574%
95	20.198	2888	2892	2894	rBV3	34237	45549	0.49%	0.070%
96	20.227	2894	2897	2902	rVV	46488	65633	0.70%	0.101%
97	20.280	2902	2906	2913	rVV	110011	156401	1.68%	0.240%
98	21.598	3124	3130	3139	rBV	3058482	3917399	42.07%	6.015%
99	23.998	3534	3538	3544	rBV	124396	226076	2.43%	0.347%
100	24.168	3560	3567	3577	rVB2	1892857	3937221	42.28%	6.046%

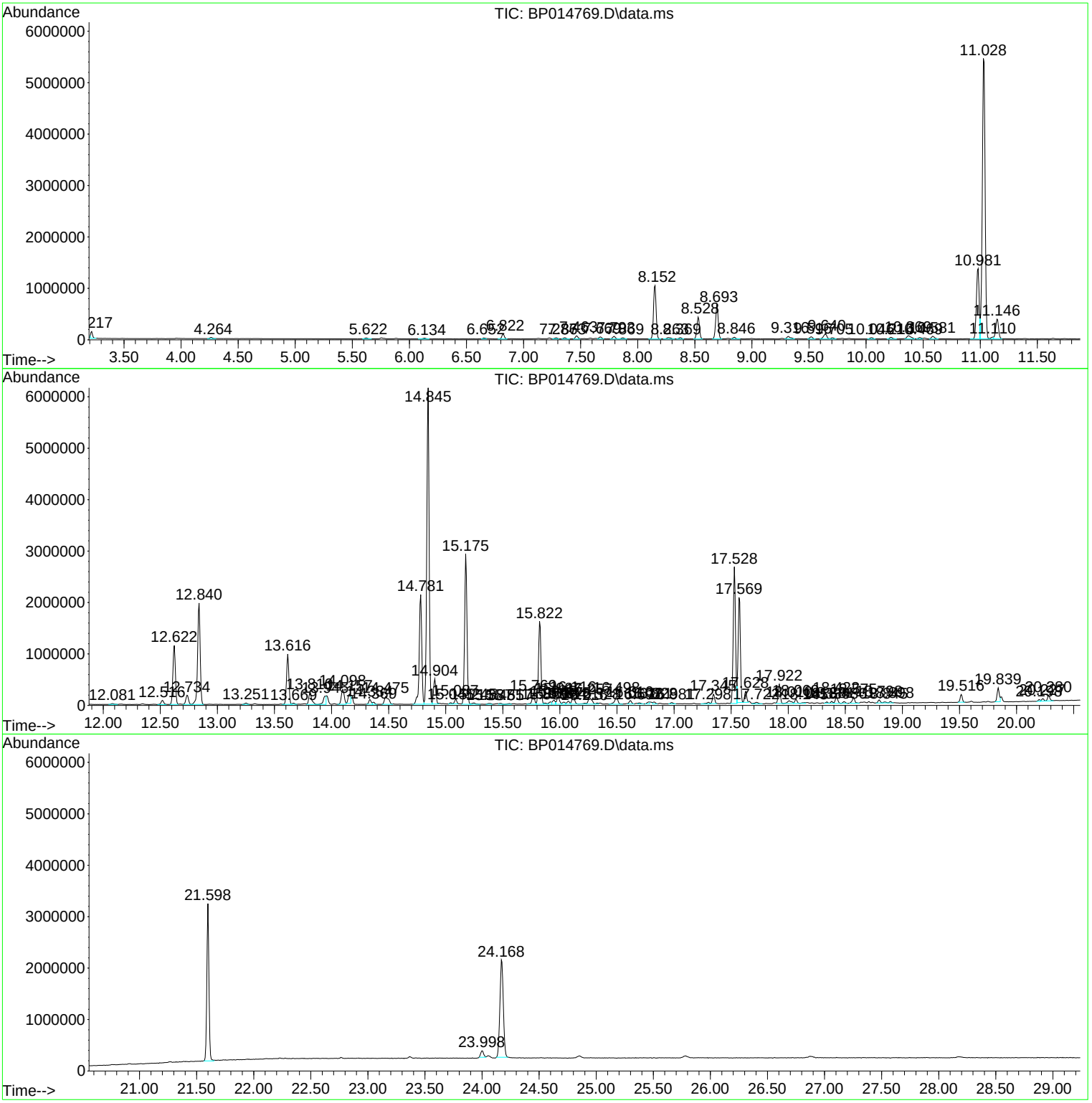
Sum of corrected areas: 65126310

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042023\
Data File : BP014769.D
Acq On : 20 Apr 2023 22:25
Operator : CG/JU
Sample : 02296-09DL2 20X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCBL2DL2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041823.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042023\
Data File : BP014769.D
Acq On : 20 Apr 2023 22:25
Operator : CG/JU
Sample : 02296-09DL2 20X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCBL2DL2

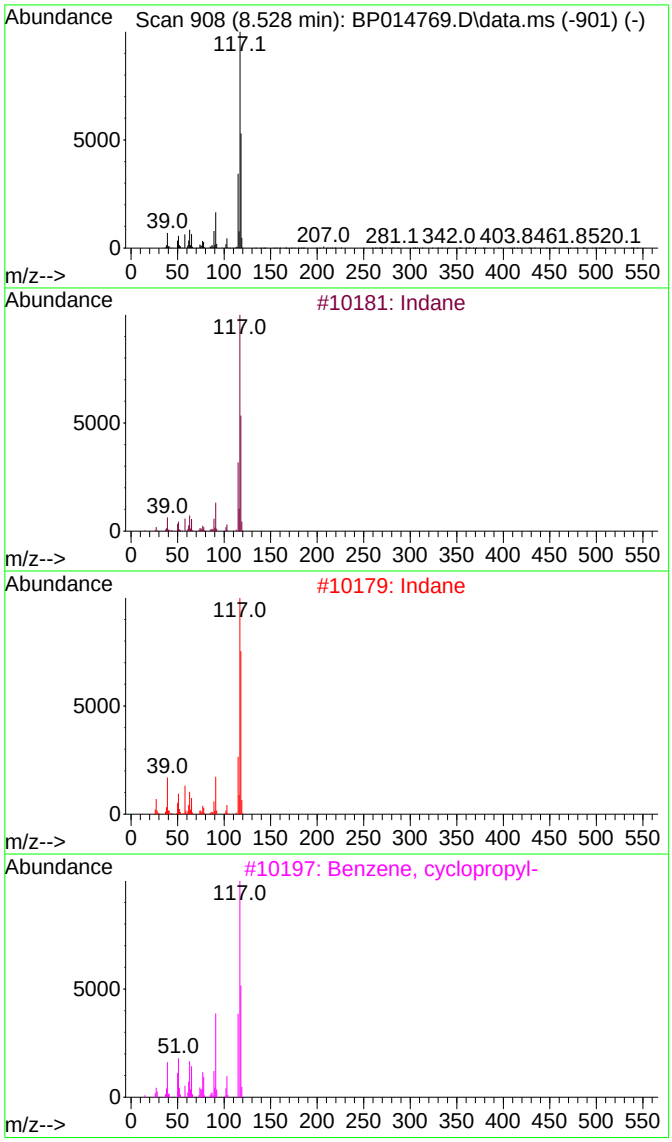
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041823.M
Quant Title : SVOA CALIBRATION

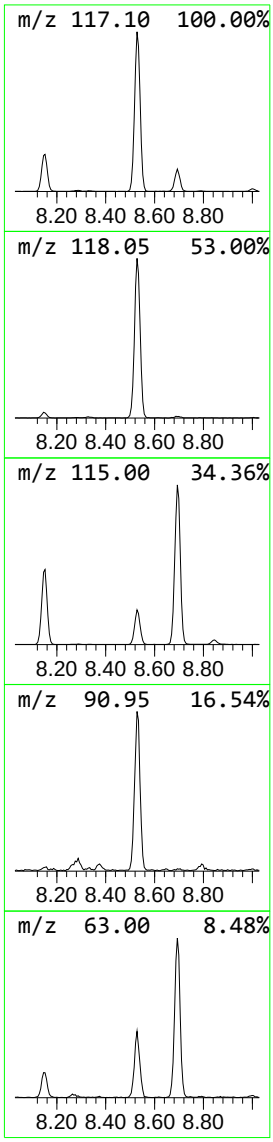
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Indane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.528	8.09 ng/ul	672706	1,4-Dichlorobenzene-d4	8.152

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	91
2	Indane	118	C9H10	000496-11-7	91
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	81
4	Indane	118	C9H10	000496-11-7	81
5	Benzene, cyclopropyl-	118	C9H10	000873-49-4	74





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042023\
Data File : BP014769.D
Acq On : 20 Apr 2023 22:25
Operator : CG/JU
Sample : 02296-09DL2 20X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCBL2DL2

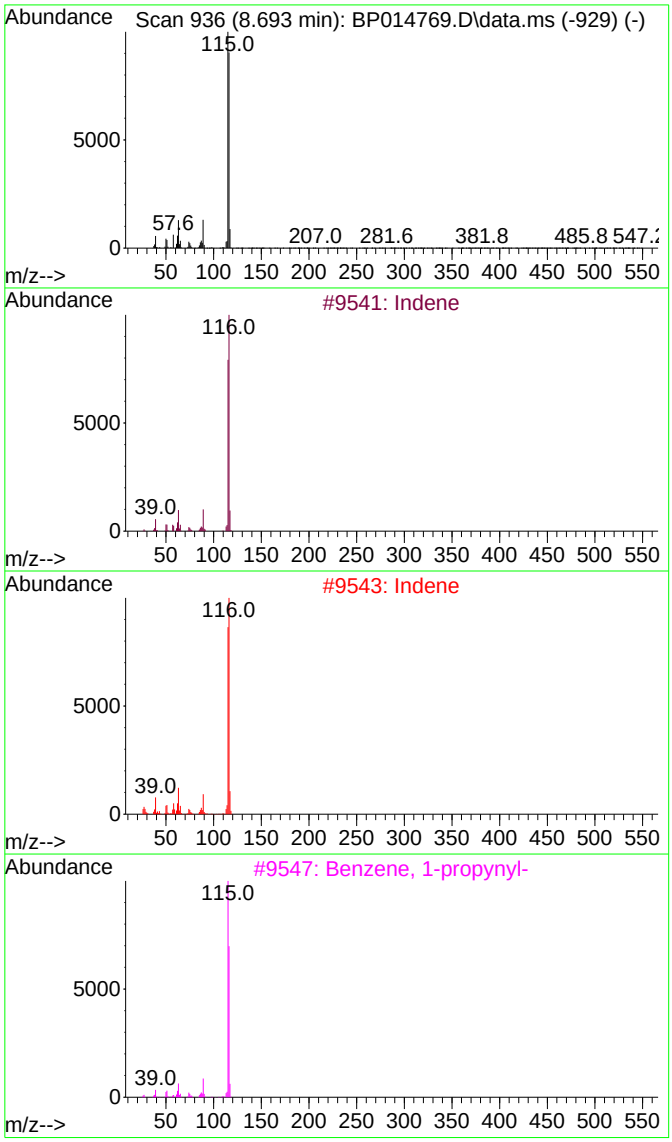
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041823.M
Quant Title : SVOA CALIBRATION

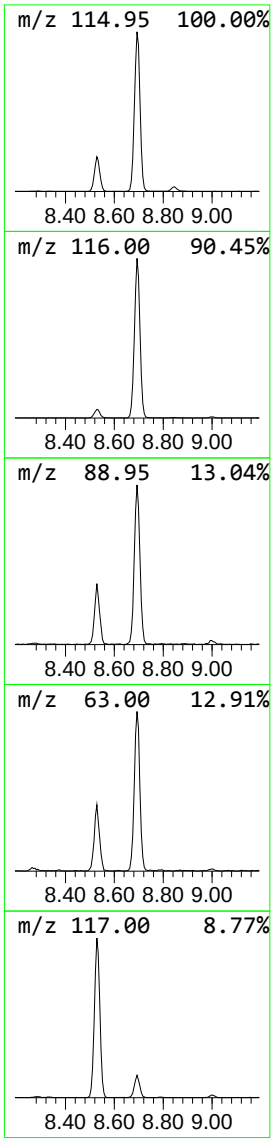
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Indene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.693	12.38 ng/ul	1029500	1,4-Dichlorobenzene-d4	8.152

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	97
2	Indene	116	C9H8	000095-13-6	95
3	Benzene, 1-propynyl-	116	C9H8	000673-32-5	94
4	1-Propyne, 3-phenyl-	116	C9H8	010147-11-2	94
5	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042023\
Data File : BP014769.D
Acq On : 20 Apr 2023 22:25
Operator : CG/JU
Sample : 02296-09DL2 20X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCBL2DL2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041823.M
Quant Title : SVOA CALIBRATION

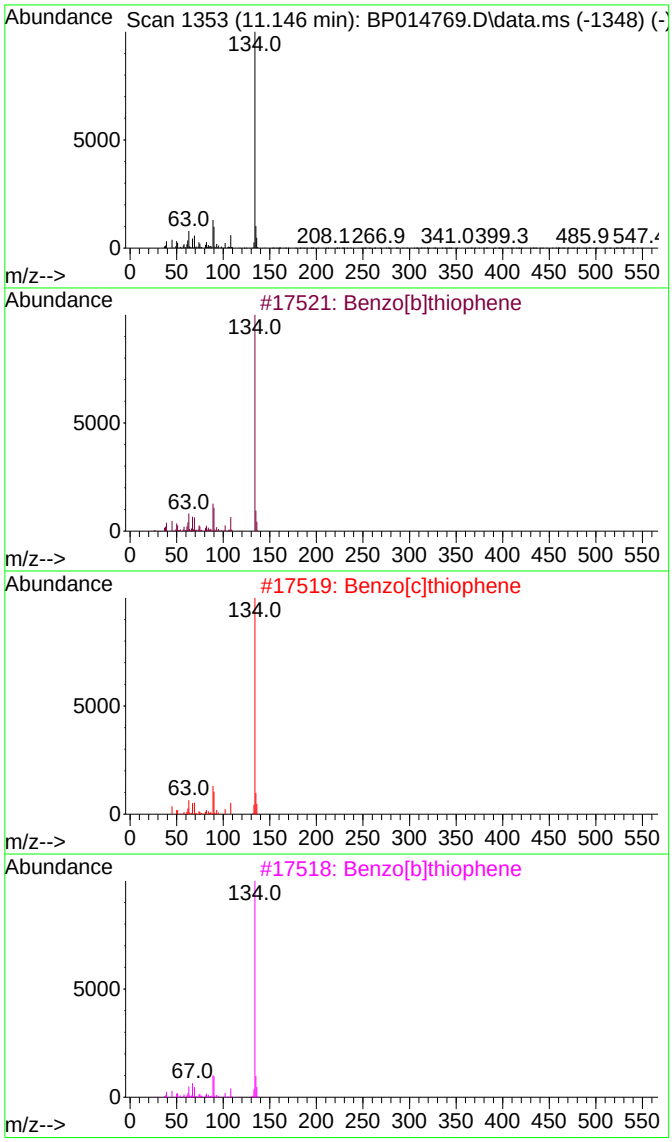
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

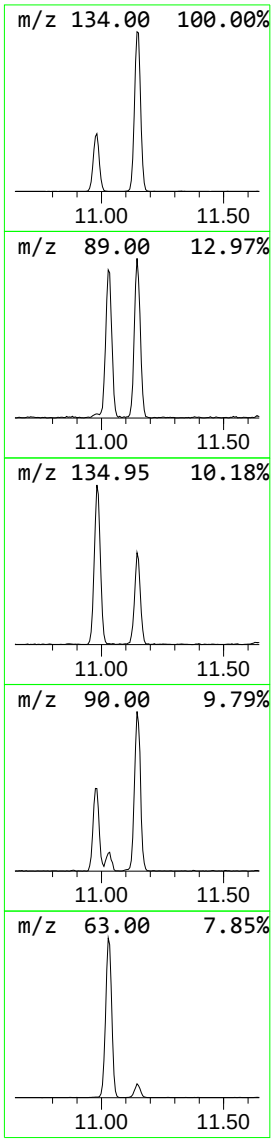
****

Peak Number 3 Benzo[b]thiophene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.146	5.72 ng/ul	672476	Naphthalene-d8	10.981

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]thiophene	134	C8H6S	000095-15-8	94
2	Benzo[c]thiophene	134	C8H6S	000270-82-6	94
3	Benzo[b]thiophene	134	C8H6S	000095-15-8	91
4	Benzo[b]thiophene	134	C8H6S	000095-15-8	91
5	Cyclopenta[c]thiapyran	134	C8H6S	000270-63-3	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042023\
Data File : BP014769.D
Acq On : 20 Apr 2023 22:25
Operator : CG/JU
Sample : 02296-09DL2 20X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCBL2DL2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041823.M
Quant Title : SVOA CALIBRATION

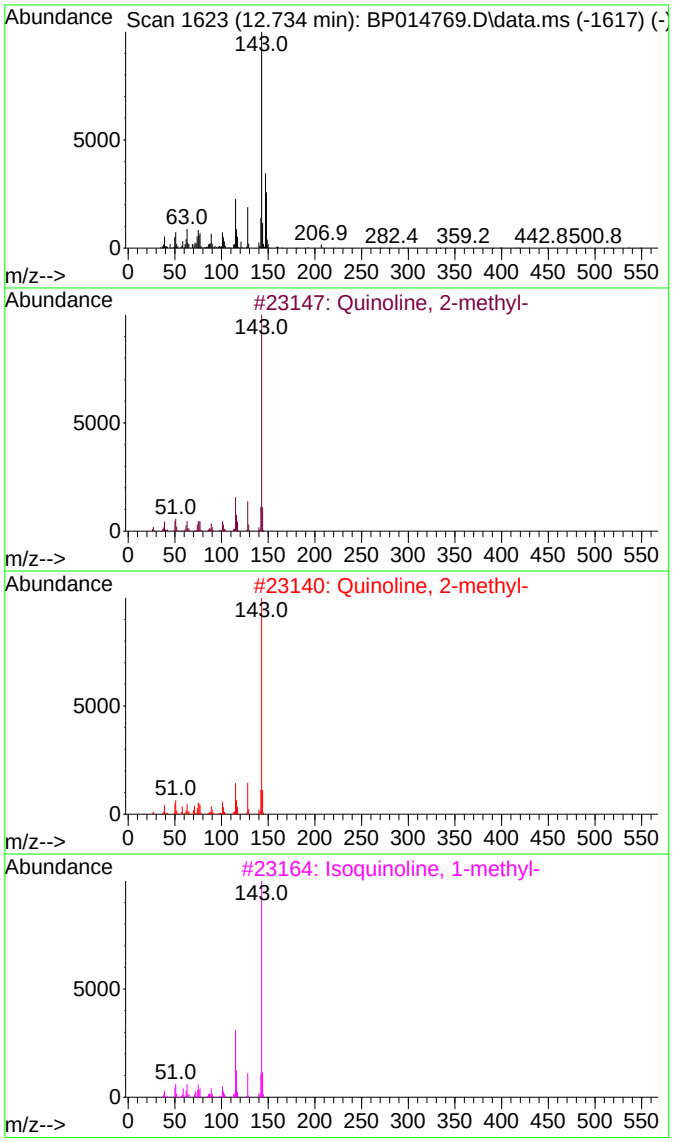
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

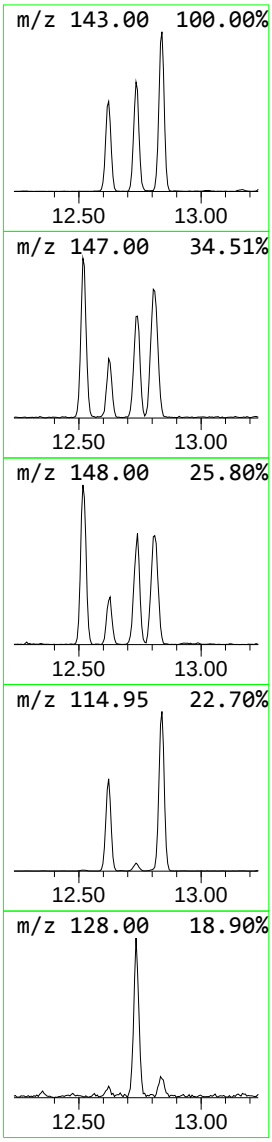
****

Peak Number 4 Quinoline, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.734	2.48 ng/ul	291284	Naphthalene-d8	10.981

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Quinoline, 2-methyl-	143	C10H9N	000091-63-4	94
2	Quinoline, 2-methyl-	143	C10H9N	000091-63-4	86
3	Isoquinoline, 1-methyl-	143	C10H9N	001721-93-3	70
4	Isoquinoline, 3-methyl-	143	C10H9N	001125-80-0	70
5	Isoquinoline, 1-methyl-	143	C10H9N	001721-93-3	70





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042023\
Data File : BP014769.D
Acq On : 20 Apr 2023 22:25
Operator : CG/JU
Sample : 02296-09DL2 20X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCBL2DL2

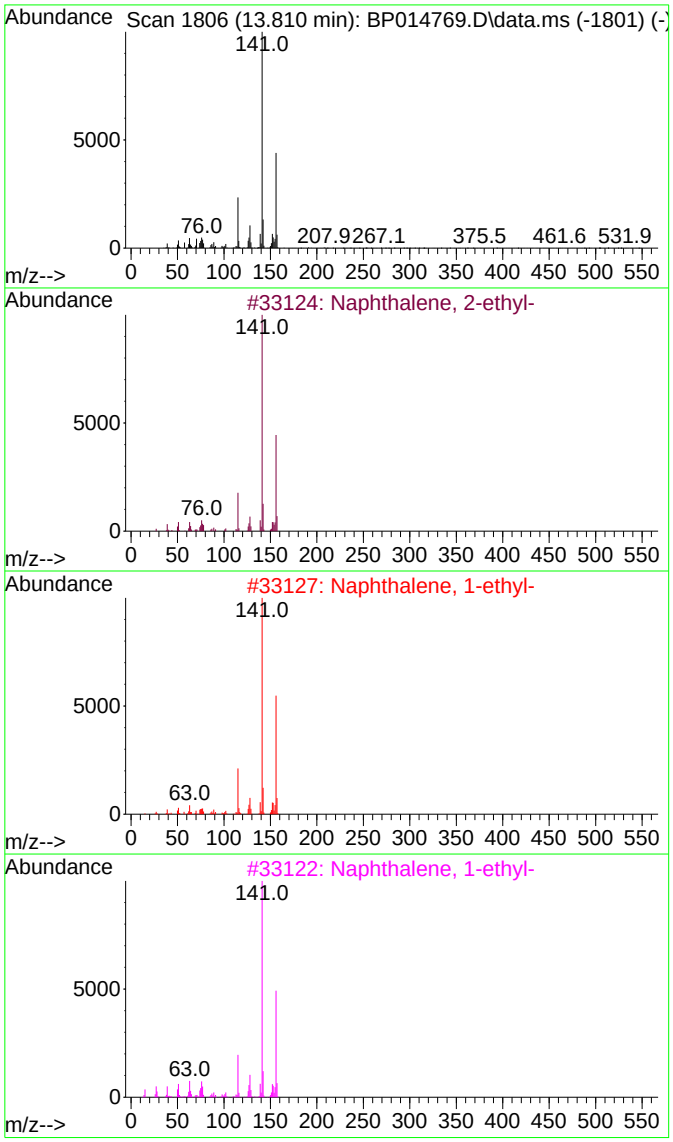
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041823.M
Quant Title : SVOA CALIBRATION

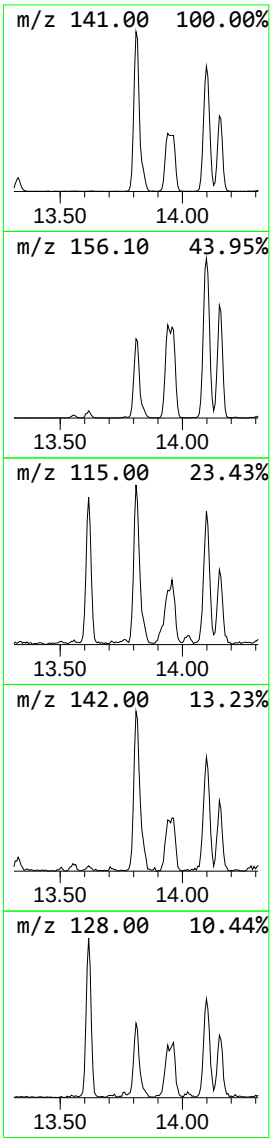
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Naphthalene, 2-ethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.810	2.45 ng/ul	400691	Acenaphthene-d10	14.781

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	97
2	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	96
3	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	95
4	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	94
5	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	94





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Acq On : 20 Apr 2023 22:25
Operator : CG/JU
Sample : 02296-09DL2 20X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
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ClientSampleId :
DCBL2DL2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041823.M
Quant Title : SVOA CALIBRATION

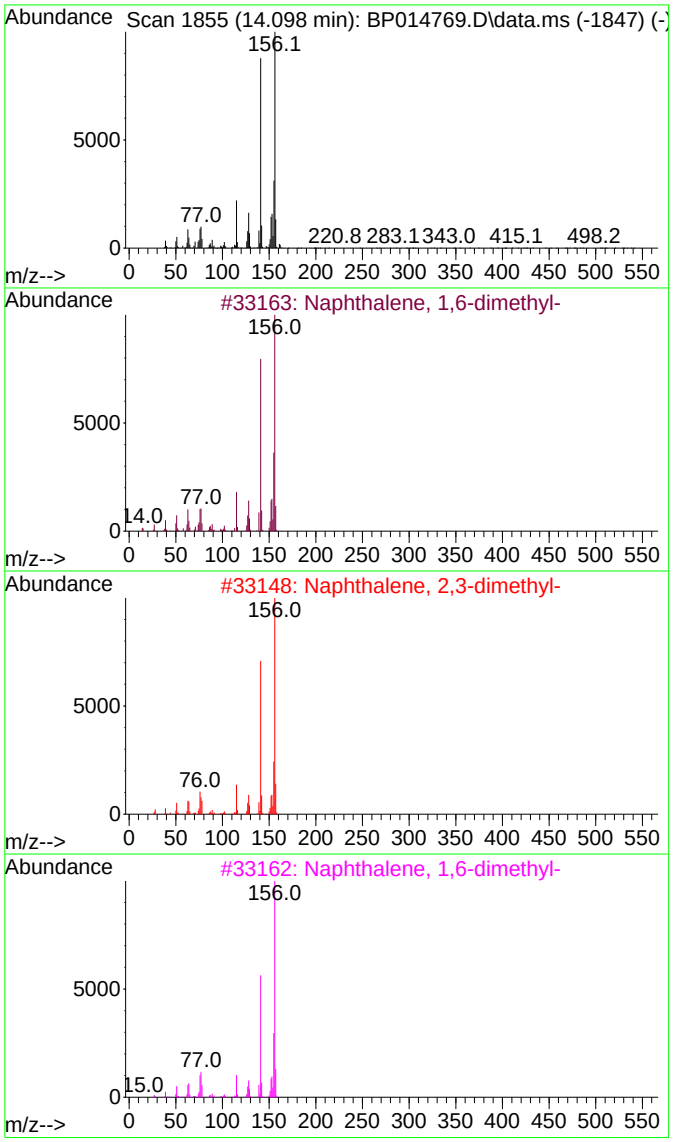
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

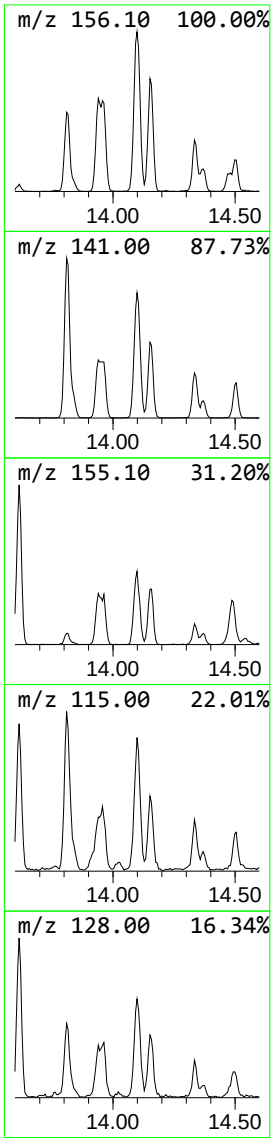
****

Peak Number 6 Naphthalene, 1,6-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.098	3.14 ng/ul	512753	Acenaphthene-d10	14.781

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042023\
Data File : BP014769.D
Acq On : 20 Apr 2023 22:25
Operator : CG/JU
Sample : 02296-09DL2 20X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCBL2DL2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041823.M
Quant Title : SVOA CALIBRATION

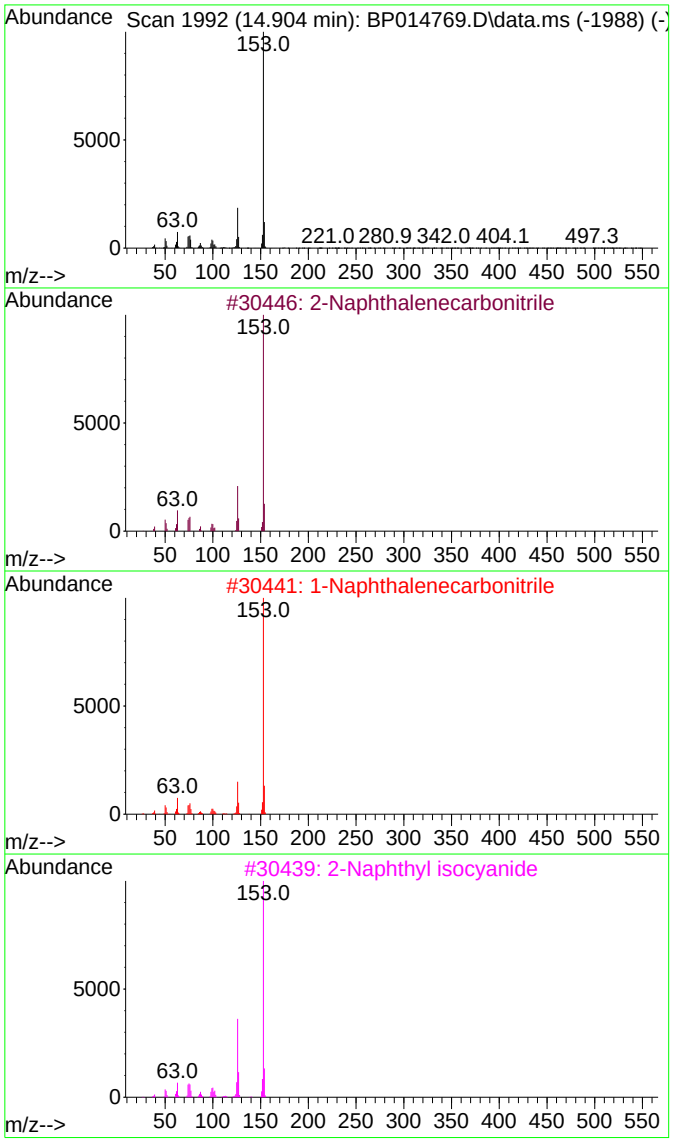
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

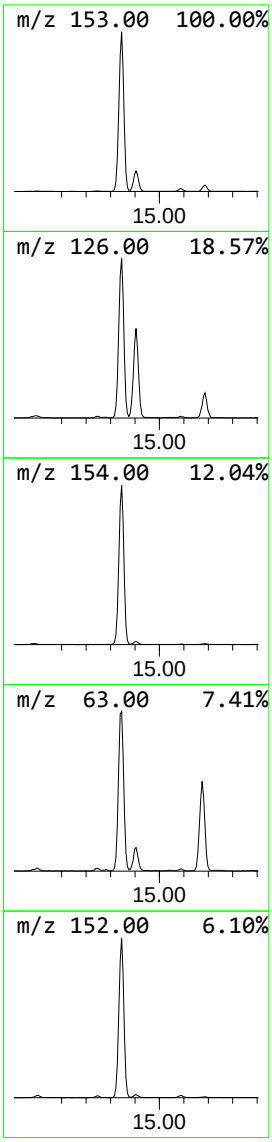
****

Peak Number 7 2-Naphthalenecarbonitrile Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.904	4.15 ng/ul	678432	Acenaphthene-d10	14.781

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Naphthalenecarbonitrile	153	C11H7N	000613-46-7	97
2	1-Naphthalenecarbonitrile	153	C11H7N	000086-53-3	97
3	2-Naphthyl isocyanide	153	C11H7N	010124-78-4	95
4	1-Naphthalenecarbonitrile	153	C11H7N	000086-53-3	94
5	2-Naphthalenecarbonitrile	153	C11H7N	000613-46-7	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042023\
Data File : BP014769.D
Acq On : 20 Apr 2023 22:25
Operator : CG/JU
Sample : 02296-09DL2 20X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCBL2DL2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041823.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
Indane	8.528	8.1	ng/ul	672706	1	8.152	1663050	20.0
Indene	8.693	12.4	ng/ul	1029500	1	8.152	1663050	20.0
Benzo[b]thiophene	11.146	5.7	ng/ul	672476	2	10.981	2349260	20.0
Quinoline, 2-me...	12.734	2.5	ng/ul	291284	2	10.981	2349260	20.0
Naphthalene, 2-...	13.810	2.5	ng/ul	400691	3	14.781	3269620	20.0
Naphthalene, 1,...	14.098	3.1	ng/ul	512753	3	14.781	3269620	20.0
2-Naphthaleneca...	14.904	4.2	ng/ul	678432	3	14.781	3269620	20.0