LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101724\
Data File : BM048118.D
Acq On : 17 Oct 2024 23:01
Operator : RC/JU
Sample : P4380-06
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : E27H7

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_M\Methods\SFAM-EPA-BM101724.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BM048118.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	22	27	38	rVB5	40312	92478	0.52%	0.095%
2	3.234	38	42	47	rBV	52584	72979	0.41%	0.075%
3	3.652	109	113	134	rVV	629377	1268145	7.08%	1.308%
4	3.975	163	168	177	rVB	134398	223974	1.25%	0.231%
5	4.593	268	273	282	rBV	36842	71426	0.40%	0.074%
6	4.975	331	338	348	rVB6	28942	66221	0.37%	0.068%
7	5.087	352	357	364	rBV	43790	66079	0.37%	0.068%
8	5.287	386	391	398	rVV5	41951	85243	0.48%	0.088%
9	5.422	408	414	424	rBV	66824	138952	0.78%	0.143%
10	5.564	432	438	444	rBV4	28401	61053	0.34%	0.063%
11	5.622	444	448	452	rVV	64617	98600	0.55%	0.102%
12	5.787	465	476	491	rVB	129581	271582	1.52%	0.280%
13	6.322	562	567	570	rBV3	34320	61927	0.35%	0.064%
14	6.628	613	619	632	rVB4	38772	103345	0.58%	0.107%
15	6.975	670	678	690	rVB	586122	1052747	5.88%	1.086%
16	7.105	692	700	709	rBV	1027193	1701217	9.50%	1.754%
17	7.228	714	721	725	rBV2	60316	93929	0.52%	0.097%
18	7.281	725	730	742	rVB3	39296	94963	0.53%	0.098%
19	7.399	744	750	752	rBV	72355	128296	0.72%	0.132%
20	7.493	761	766	772	rVB3	33921	66594	0.37%	0.069%
21	7.769	805	813	820	rBV	824526	1346341	7.52%	1.388%
22	7.840	820	825	829	rVV	142482	243835	1.36%	0.251%
23	7.887	830	833	840	rVB2	36674	62224	0.35%	0.064%
24	8.199	882	886	896	rVB2	38168	68514	0.38%	0.071%
25	8.305	896	904	910	rBV	161408	271834	1.52%	0.280%
26	8.487	927	935	941	rVV	233038	475243	2.65%	0.490%
27	8.546	941	945	949	rVV	75847	159283	0.89%	0.164%
28	8.593	949	953	960	rVV2	64552	130129	0.73%	0.134%
29	8.863	994	999	1003	rVV5	58115	112227	0.63%	0.116%
30	8.928	1003	1010	1019	rVV	1042266	1830881	10.22%	1.888%
31	9.010	1019	1024	1034	rVB2	56959	120599	0.67%	0.124%
32	9.322	1070	1077	1087	rBV8	48651	147762	0.83%	0.152%
33	9.487	1096	1105	1111	rBV5	33796	89297	0.50%	0.092%
34	9.746	1144	1149	1153	rBV2	41354	69863	0.39%	0.072%
35	9.975	1183	1188	1197	rVV6	61702	140606	0.79%	0.145%
36	10.122	1207	1213	1217	rVV	55150	106445	0.59%	0.110%

LSC Area Percent Report

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Acq On : 17 Oct 2024 23:01
Operator : RC/JU
Sample : P4380-06
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E27H7

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_M\Methods\SFAM-EPA-BM101724.MA.M
Title : SVOA CALIBRATION

37	10.187	1217	1224	1233	rVB9	39066	97759	0.55%	0.101%
38	10.340	1242	1250	1256	rBV2	62917	132242	0.74%	0.136%
39	10.416	1259	1263	1271	rVV4	51309	102093	0.57%	0.105%
40	10.563	1280	1288	1291	rBV	1037885	1857502	10.37%	1.915%
41	10.616	1291	1297	1304	rVV	9949017	17908962	100.00%	18.467%
42	10.699	1304	1311	1329	rVV2	1370605	2970682	16.59%	3.063%
43	11.393	1422	1429	1440	rBV	638382	1168911	6.53%	1.205%
44	11.740	1482	1488	1502	rVB	152924	304320	1.70%	0.314%
45	11.910	1510	1517	1529	rVB3	58501	147430	0.82%	0.152%
46	12.063	1529	1543	1551	rBV	5779761	9677096	54.03%	9.979%
47	12.222	1561	1570	1578	rVB2	422088	860074	4.80%	0.887%
48	12.351	1585	1592	1601	rBV	154818	292963	1.64%	0.302%
49	12.445	1601	1608	1618	rVB	317676	559975	3.13%	0.577%
50	12.804	1666	1669	1674	rVV4	35717	69611	0.39%	0.072%
51	12.963	1689	1696	1703	rBV3	46623	103171	0.58%	0.106%
52	13.245	1738	1744	1752	rVV4	116515	248456	1.39%	0.256%
53	13.345	1752	1761	1764	rVV2	26410	66389	0.37%	0.068%
54	13.728	1818	1826	1831	rBV	58719	123363	0.69%	0.127%
55	13.816	1831	1841	1849	rVV	2246666	3188630	17.80%	3.288%
56	13.887	1849	1853	1857	rVV2	49273	83198	0.46%	0.086%
57	13.939	1857	1862	1869	rVV2	48406	103790	0.58%	0.107%
58	14.010	1869	1874	1878	rVV3	35566	71615	0.40%	0.074%
59	14.098	1882	1889	1903	rVV	2850823	4606002	25.72%	4.750%
60	14.404	1934	1941	1947	rBV	1586739	2316660	12.94%	2.389%
61	14.469	1947	1952	1958	rVV	160869	245678	1.37%	0.253%
62	14.539	1960	1964	1973	rVB	41732	78260	0.44%	0.081%
63	14.681	1981	1988	1999	rVB4	64577	142231	0.79%	0.147%
64	14.804	2004	2009	2015	rBV	211195	324336	1.81%	0.334%
65	14.886	2018	2023	2031	rVB	135287	213644	1.19%	0.220%
66	15.134	2056	2065	2072	rBV6	65524	175679	0.98%	0.181%
67	15.398	2104	2110	2116	rBV	3500093	4994541	27.89%	5.150%
68	15.451	2116	2119	2129	rVB	267541	374853	2.09%	0.387%
69	15.775	2166	2174	2181	rBV5	39539	106723	0.60%	0.110%
70	16.098	2224	2229	2234	rBV	113557	179801	1.00%	0.185%
71	16.345	2266	2271	2278	rVB2	33273	66690	0.37%	0.069%
72	16.428	2280	2285	2291	rBV4	66217	139027	0.78%	0.143%
73	16.551	2300	2306	2313	rBV	98891	186104	1.04%	0.192%
74	16.675	2323	2327	2336	rVB5	62952	118156	0.66%	0.122%
75	16.775	2339	2344	2346	rVV	56118	86403	0.48%	0.089%
76	16.804	2346	2349	2356	rVB	90182	135688	0.76%	0.140%

LSC Area Percent Report

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Acq On : 17 Oct 2024 23:01
Operator : RC/JU
Sample : P4380-06
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E27H7

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
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Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM101724.MA.M
Title : SVOA CALIBRATION

77	16.910	2361	2367	2374	rBV4	139170	279860	1.56%	0.289%
78	17.045	2385	2390	2397	rBV5	33760	68553	0.38%	0.071%
79	17.145	2397	2407	2412	rBV	1792104	2720015	15.19%	2.805%
80	17.186	2412	2414	2418	rVV	298903	443227	2.47%	0.457%
81	17.245	2418	2424	2435	rVV2	3707087	5595237	31.24%	5.770%
82	17.339	2435	2440	2445	rVB3	92303	140419	0.78%	0.145%
83	17.522	2466	2471	2472	rBV	147951	188971	1.06%	0.195%
84	17.551	2472	2476	2484	rVB	516392	740658	4.14%	0.764%
85	17.645	2485	2492	2500	rBV4	98483	262679	1.47%	0.271%
86	17.722	2500	2505	2514	rVB2	59998	129336	0.72%	0.133%
87	17.804	2514	2519	2524	rBV5	38584	69336	0.39%	0.071%
88	18.069	2561	2564	2571	rVV2	37859	68927	0.38%	0.071%
89	18.145	2573	2577	2580	rVV3	39264	66559	0.37%	0.069%
90	18.186	2580	2584	2594	rVB	211050	343948	1.92%	0.355%
91	18.369	2611	2615	2621	rBV3	95878	165765	0.93%	0.171%
92	19.098	2736	2739	2745	rVB	55862	71636	0.40%	0.074%
93	19.174	2748	2752	2759	rBV3	72957	150067	0.84%	0.155%
94	19.533	2807	2813	2820	rBV	4469603	6213439	34.69%	6.407%
95	19.604	2820	2825	2830	rVV	539997	873633	4.88%	0.901%
96	19.645	2830	2832	2848	rVB4	197917	454892	2.54%	0.469%
97	20.310	2942	2945	2949	rVB	120271	142507	0.80%	0.147%
98	21.368	3120	3125	3136	rBV	1779106	2736406	15.28%	2.822%
99	24.156	3589	3599	3612	rVB	2433400	6254515	34.92%	6.450%
100	24.356	3625	3633	3646	rVB	1148152	2971438	16.59%	3.064%

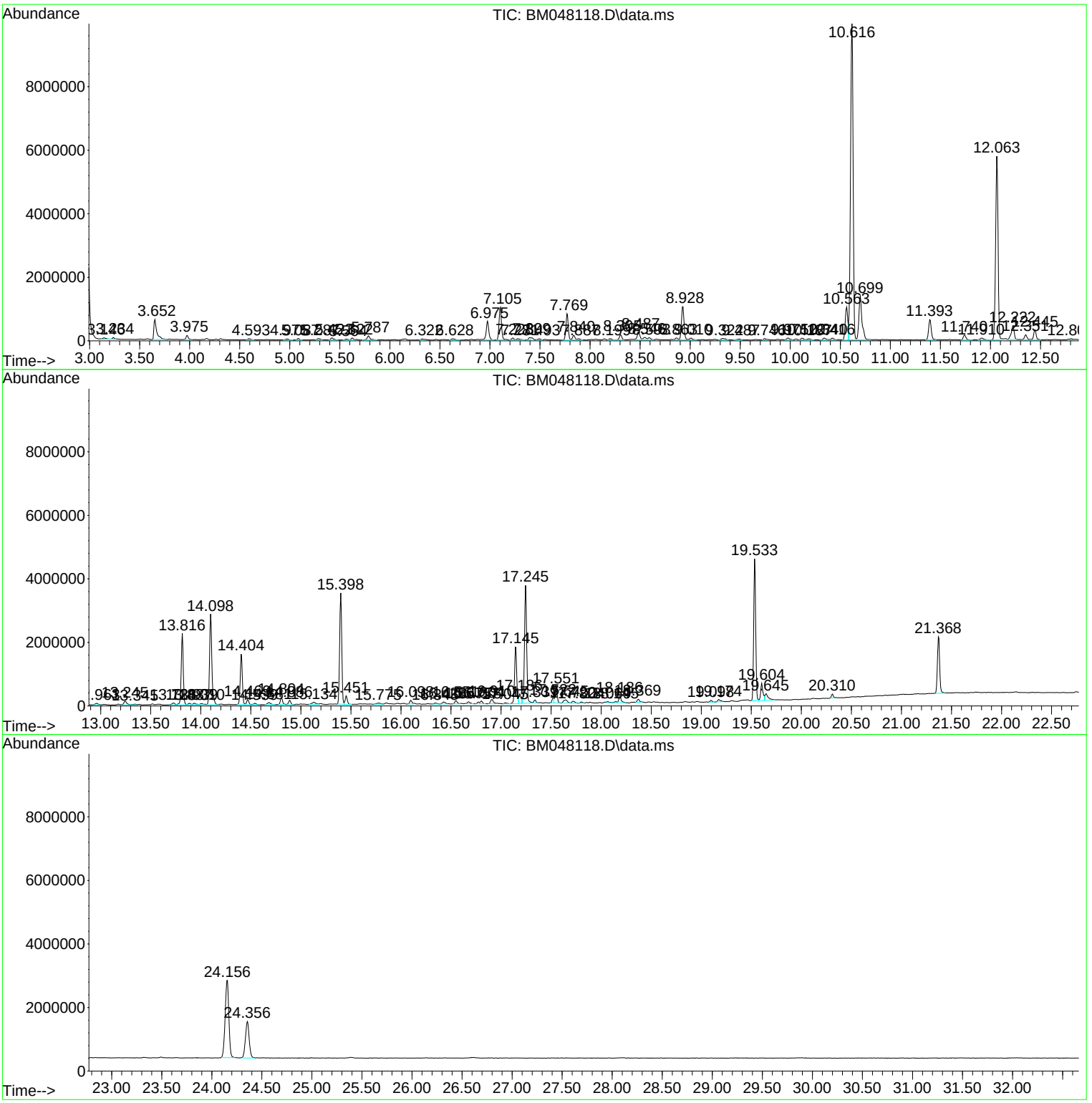
Sum of corrected areas: 96975564

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101724\
Data File : BM048118.D
Acq On : 17 Oct 2024 23:01
Operator : RC/JU
Sample : P4380-06
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E27H7

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM101724.MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101724\
Data File : BM048118.D
Acq On : 17 Oct 2024 23:01
Operator : RC/JU
Sample : P4380-06
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E27H7

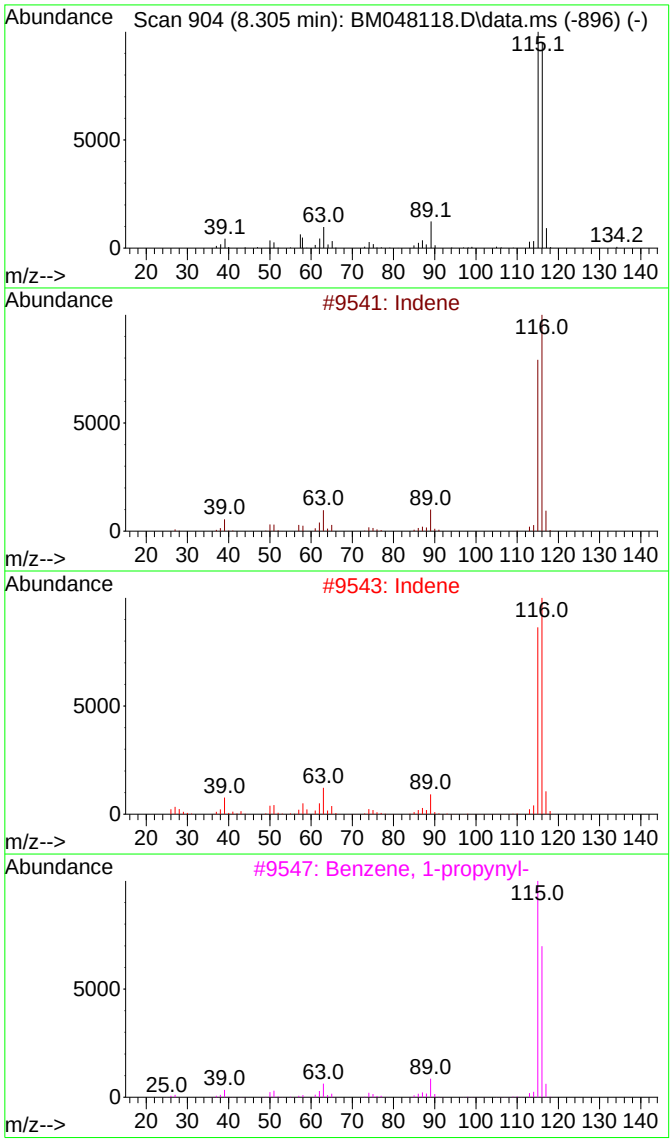
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM101724.MA.M
Quant Title : SVOA CALIBRATION

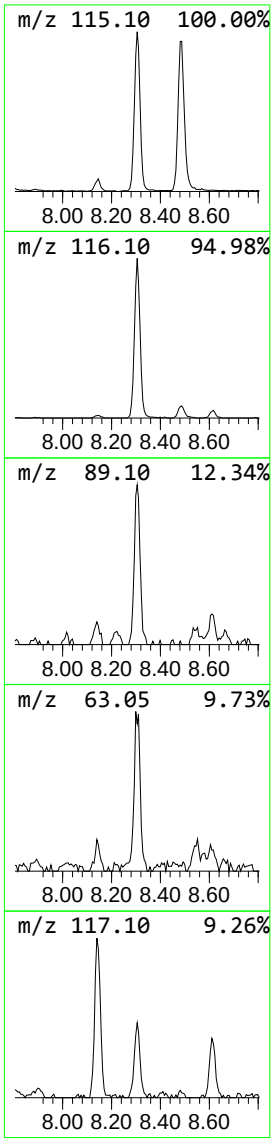
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Indene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.305	4.04 ng/ul	271834	1,4-Dichlorobenzene-d4	7.769

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	95
4	3-Methylphenylacetylene	116	C9H8	000766-82-5	94
5	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101724\
Data File : BM048118.D
Acq On : 17 Oct 2024 23:01
Operator : RC/JU
Sample : P4380-06
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E27H7

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM101724.MA.M
Quant Title : SVOA CALIBRATION

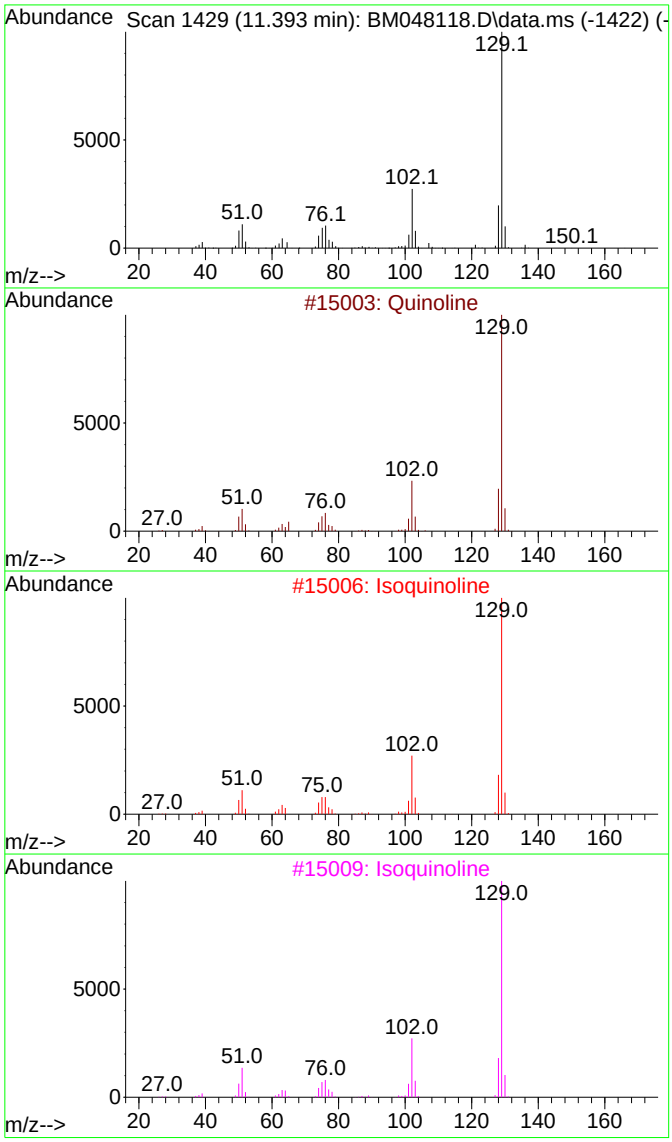
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

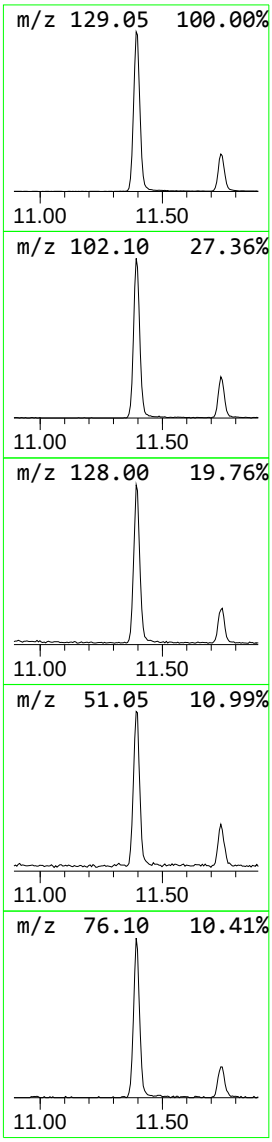
****

Peak Number 6 Quinoline Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.393	12.59 ng/ul	1168910	Naphthalene-d8	10.563

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Quinoline	129	C9H7N	000091-22-5	97
2	Isoquinoline	129	C9H7N	000119-65-3	97
3	Isoquinoline	129	C9H7N	000119-65-3	97
4	Quinoline	129	C9H7N	000091-22-5	96
5	2-Propenenitrile, 3-phenyl-	129	C9H7N	004360-47-8	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101724\
Data File : BM048118.D
Acq On : 17 Oct 2024 23:01
Operator : RC/JU
Sample : P4380-06
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E27H7

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM101724.MA.M
Quant Title : SVOA CALIBRATION

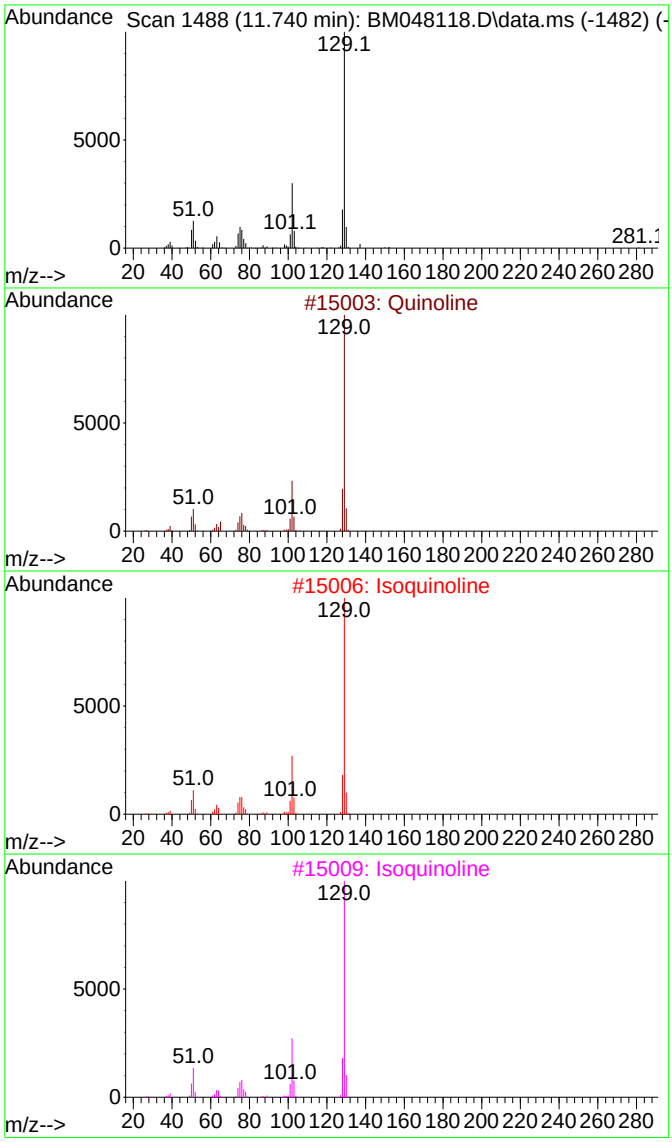
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

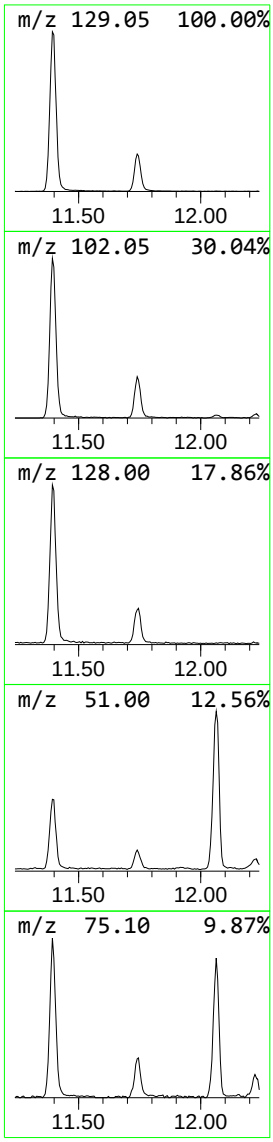
****

Peak Number 7 Isoquinoline Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.740	3.28 ng/ul	304320	Naphthalene-d8	10.563

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Quinoline	129	C9H7N	000091-22-5	97
2	Isoquinoline	129	C9H7N	000119-65-3	97
3	Isoquinoline	129	C9H7N	000119-65-3	94
4	Isoquinoline	129	C9H7N	000119-65-3	94
5	Isoquinoline	129	C9H7N	000119-65-3	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101724\
Data File : BM048118.D
Acq On : 17 Oct 2024 23:01
Operator : RC/JU
Sample : P4380-06
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E27H7

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM101724.MA.M
Quant Title : SVOA CALIBRATION

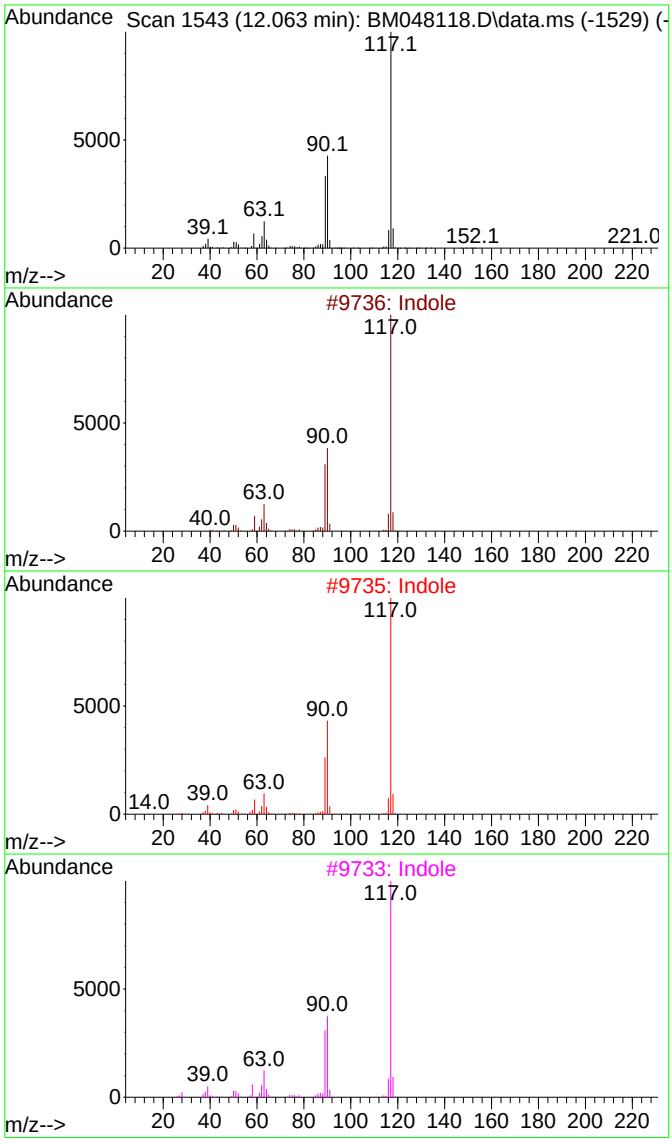
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

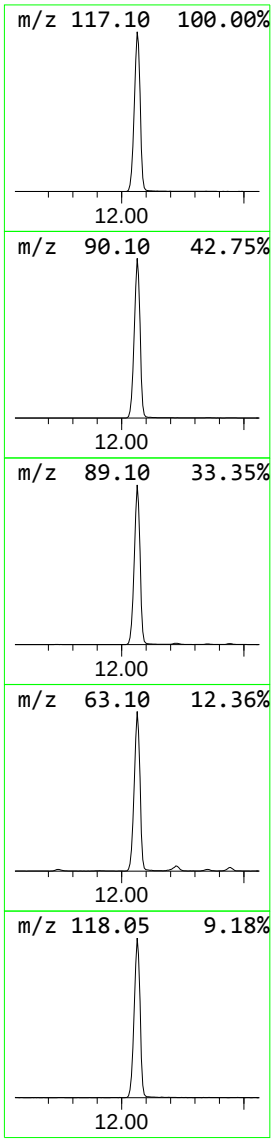
****

Peak Number 8 Indole Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.063	104.19 ng/ul	9677100	Naphthalene-d8	10.563

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indole	117	C8H7N	000120-72-9	97
2	Indole	117	C8H7N	000120-72-9	95
3	Indole	117	C8H7N	000120-72-9	94
4	Indole	117	C8H7N	000120-72-9	91
5	Indolizine	117	C8H7N	000274-40-8	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101724\
Data File : BM048118.D
Acq On : 17 Oct 2024 23:01
Operator : RC/JU
Sample : P4380-06
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E27H7

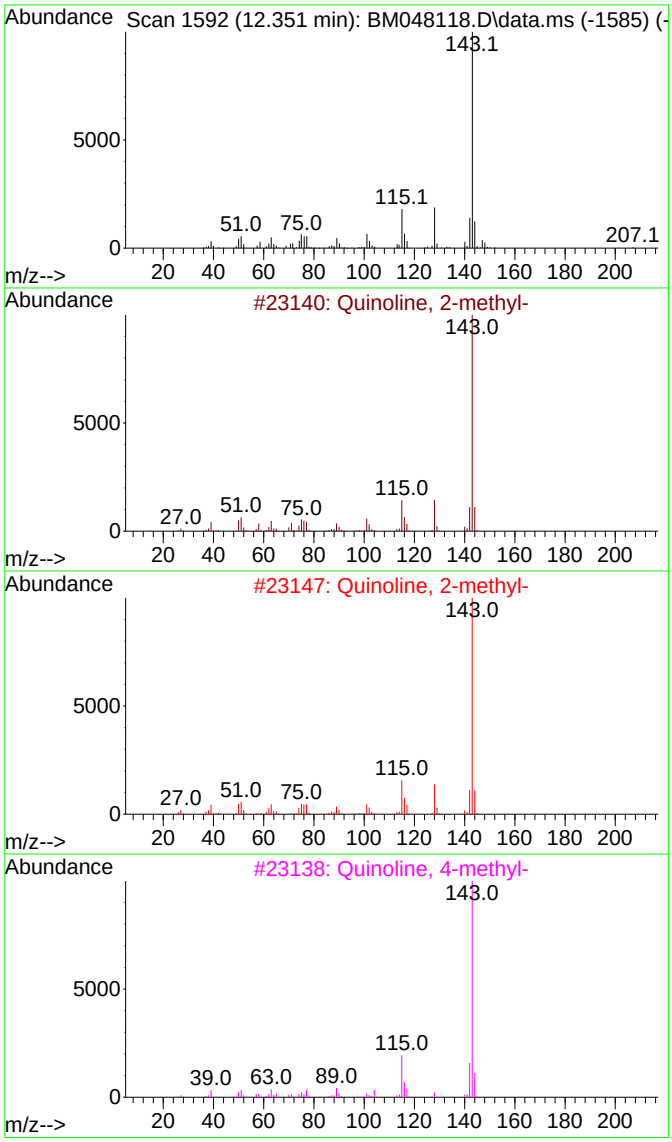
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM101724.MA.M
Quant Title : SVOA CALIBRATION

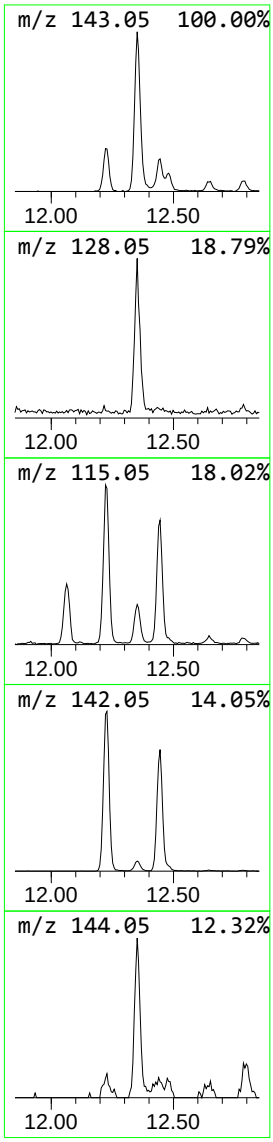
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Quinoline, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.351	3.15 ng/ul	292963	Naphthalene-d8	10.563

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Quinoline, 2-methyl-	143	C10H9N	000091-63-4	97
2	Quinoline, 2-methyl-	143	C10H9N	000091-63-4	91
3	Quinoline, 4-methyl-	143	C10H9N	000491-35-0	90
4	Isoquinoline, 3-methyl-	143	C10H9N	001125-80-0	87
5	11-Azabicyclo[4.4.1]undeca-1,3,5...	143	C10H9N	004753-55-3	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101724\
Data File : BM048118.D
Acq On : 17 Oct 2024 23:01
Operator : RC/JU
Sample : P4380-06
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
E27H7

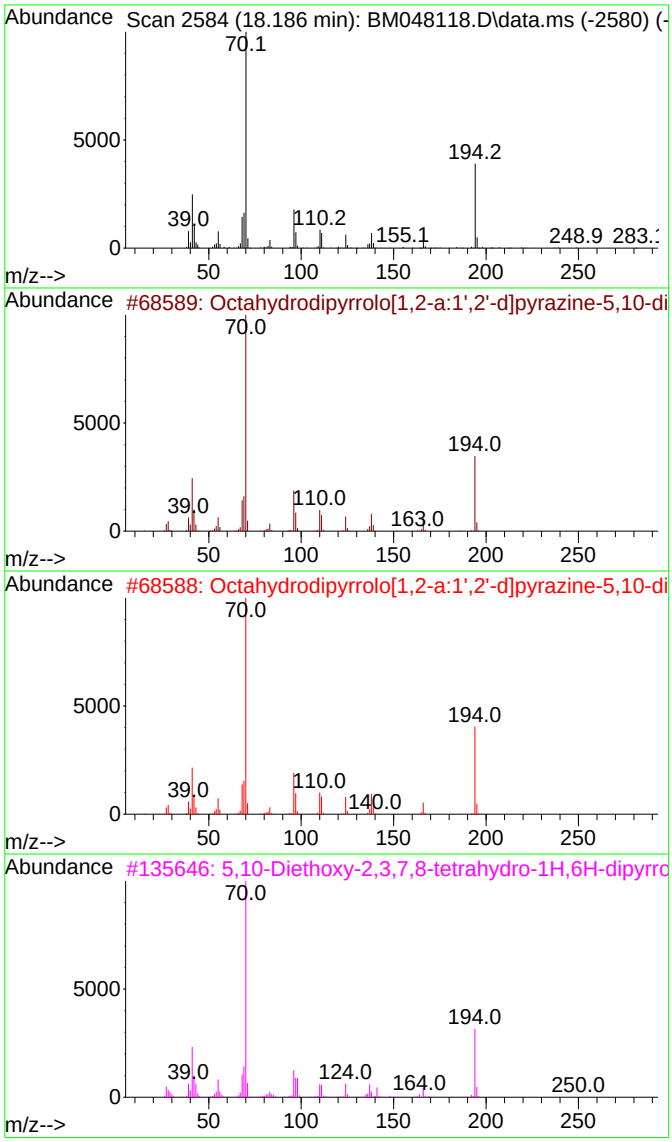
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM101724.MA.M
Quant Title : SVOA CALIBRATION

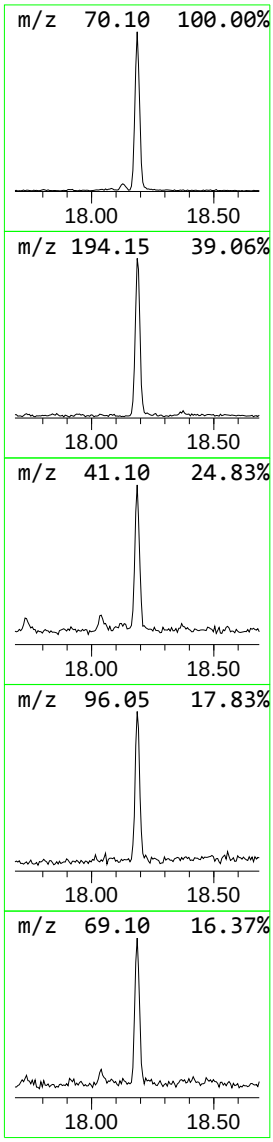
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Octahydrodipyrrolo[1,2-a:1'... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.186	2.53 ng/ul	343948	Phenanthrene-d10	17.145

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octahydrodipyrrolo[1,2-a:1',2'-d...	194	C10H14N2O2	1000497-90-3	98
2	Octahydrodipyrrolo[1,2-a:1',2'-d...	194	C10H14N2O2	1000497-90-2	95
3	5,10-Diethoxy-2,3,7,8-tetrahydro...	250	C14H22N2O2	1000190-75-5	83
4	L-Proline, N-(3-cyclopentylpropi...	323	C19H33NO3	1000346-41-2	38
5	6,6-Dimethyl-cyclohex-2-en-1-ol	126	C8H14O	038313-10-9	32





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101724\
Data File : BM048118.D
Acq On : 17 Oct 2024 23:01
Operator : RC/JU
Sample : P4380-06
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E27H7

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM101724.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
Indene	8.305	4.0	ng/ul	271834	1	7.769	1346340	20.0
Quinoline	11.393	12.6	ng/ul	1168910	2	10.563	1857500	20.0
Isoquinoline	11.740	3.3	ng/ul	304320	2	10.563	1857500	20.0
Indole	12.063	104.2	ng/ul	9677100	2	10.563	1857500	20.0
Quinoline, 2-me...	12.351	3.1	ng/ul	292963	2	10.563	1857500	20.0
Octahydrodipyrr...	18.186	2.5	ng/ul	343948	4	17.145	2720020	20.0