LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040124\
Data File : BM044864.D
Acq On : 01 Apr 2024 14:23
Operator : MA/JU
Sample : P1925-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PMW-2(20240327)

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-BM030524.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BM044864.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.193	13	18	27	rBV	1223161	1762077	31.87%	5.233%
2	3.263	27	30	41	rVB	240933	308836	5.59%	0.917%
3	3.634	90	93	114	rBV	142855	253563	4.59%	0.753%
4	3.928	140	143	147	rVB3	9562	12587	0.23%	0.037%
5	4.034	159	161	167	rVB7	4474	6559	0.12%	0.019%
6	4.534	242	246	251	rBV7	4320	6277	0.11%	0.019%
7	5.016	323	328	335	rVB	72333	108578	1.96%	0.322%
8	5.799	457	461	465	rVB6	5018	7126	0.13%	0.021%
9	6.034	497	501	506	rBV	16868	21627	0.39%	0.064%
10	6.840	631	638	647	rBV	137077	240444	4.35%	0.714%
11	7.010	661	667	680	rVB	433127	697632	12.62%	2.072%
12	7.193	691	698	705	rBV	448620	714076	12.92%	2.121%
13	7.257	705	709	716	rVB2	51855	83656	1.51%	0.248%
14	7.546	753	758	768	rBV2	44953	72724	1.32%	0.216%
15	7.657	771	777	781	rVV	356875	595287	10.77%	1.768%
16	7.693	781	783	792	rVV	132732	193906	3.51%	0.576%
17	7.769	792	796	801	rVB4	11364	18839	0.34%	0.056%
18	8.004	830	836	845	rVB4	6677	12955	0.23%	0.038%
19	8.369	890	898	909	rBV	366606	630370	11.40%	1.872%
20	8.651	941	946	952	rBV3	9774	16509	0.30%	0.049%
21	8.822	967	975	987	rBV	526138	864295	15.63%	2.567%
22	9.481	1081	1087	1089	rBV4	6251	8590	0.16%	0.026%
23	9.534	1089	1096	1107	rVB	419589	718815	13.00%	2.135%
24	10.063	1177	1186	1203	rBV	573104	1031629	18.66%	3.064%
25	10.298	1217	1226	1232	rBV2	37036	67295	1.22%	0.200%
26	10.434	1243	1249	1262	rBV	469109	788155	14.26%	2.341%
27	10.587	1267	1275	1289	rBV	505204	961905	17.40%	2.857%
28	11.210	1377	1381	1386	rBV5	3716	6962	0.13%	0.021%
29	11.263	1386	1390	1396	rVB7	3769	7325	0.13%	0.022%
30	11.404	1408	1414	1429	rBV2	85067	216604	3.92%	0.643%
31	11.539	1433	1437	1443	rVB5	5460	9954	0.18%	0.030%
32	11.645	1449	1455	1461	rBV8	5407	11299	0.20%	0.034%
33	11.710	1461	1466	1469	rVB6	4352	6226	0.11%	0.018%
34	12.045	1518	1523	1531	rVB6	10539	20160	0.36%	0.060%
35	12.775	1640	1647	1652	rBV5	7095	17348	0.31%	0.052%
36	13.128	1702	1707	1711	rBV5	3321	6626	0.12%	0.020%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040124\
Data File : BM044864.D
Acq On : 01 Apr 2024 14:23
Operator : MA/JU
Sample : P1925-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PMW-2(20240327)

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-BM030524.MA.M
Title : SVOA CALIBRATION

37	13.204	1714	1720	1727	rVB2	14128	24346	0.44%	0.072%
38	13.398	1748	1753	1759	rVB3	8502	12234	0.22%	0.036%
39	13.569	1776	1782	1788	rBV9	4094	7907	0.14%	0.023%
40	13.727	1803	1809	1821	rBV	1043532	1472005	26.63%	4.372%
41	13.998	1845	1855	1864	rBV	1182892	1759752	31.83%	5.226%
42	14.110	1871	1874	1882	rVB5	6004	10220	0.18%	0.030%
43	14.304	1901	1907	1914	rBV	630200	935013	16.91%	2.777%
44	14.551	1938	1949	1964	rBV2	58705	166751	3.02%	0.495%
45	14.704	1972	1975	1979	rBV6	5178	7852	0.14%	0.023%
46	14.869	1995	2003	2017	rBV	3713864	5528579	100.00%	16.419%
47	15.022	2023	2029	2036	rBV	137331	207833	3.76%	0.617%
48	15.304	2071	2077	2087	rBV	1497572	2099169	37.97%	6.234%
49	15.445	2094	2101	2115	rBV	482263	722650	13.07%	2.146%
50	15.545	2115	2118	2122	rVV4	7806	10214	0.18%	0.030%
51	15.863	2165	2172	2174	rBV6	3014	6613	0.12%	0.020%
52	16.010	2188	2197	2205	rBV3	19103	51295	0.93%	0.152%
53	16.104	2207	2213	2218	rVB3	6851	12653	0.23%	0.038%
54	17.004	2361	2366	2370	rBV5	8305	11704	0.21%	0.035%
55	17.063	2370	2376	2384	rBV	693390	947503	17.14%	2.814%
56	17.163	2386	2393	2405	rBV	1567371	2176999	39.38%	6.465%
57	17.457	2440	2443	2447	rVB6	3703	5615	0.10%	0.017%
58	17.615	2464	2470	2473	rVV6	3228	7254	0.13%	0.022%
59	17.968	2525	2530	2541	rBV	60467	99185	1.79%	0.295%
60	18.057	2541	2545	2554	rVB3	18031	30803	0.56%	0.091%
61	18.339	2589	2593	2598	rVB3	11801	14778	0.27%	0.044%
62	18.804	2667	2672	2682	rBV2	54646	83729	1.51%	0.249%
63	19.027	2705	2710	2714	rVV2	17035	27239	0.49%	0.081%
64	19.098	2718	2722	2726	rVV	15630	21123	0.38%	0.063%
65	19.145	2726	2730	2737	rVB9	7949	16321	0.30%	0.048%
66	19.262	2746	2750	2756	rBV4	27487	41324	0.75%	0.123%
67	19.415	2773	2776	2778	rBV4	7614	7515	0.14%	0.022%
68	19.462	2778	2784	2793	rVV	1701643	2323924	42.03%	6.902%
69	20.992	3040	3044	3053	rBV2	65389	104084	1.88%	0.309%
70	21.262	3085	3090	3096	rBV	683944	884064	15.99%	2.625%
71	23.356	3439	3446	3453	rBV2	1273780	2336775	42.27%	6.940%
72	23.492	3463	3469	3478	rVB	528146	990427	17.91%	2.941%

Sum of corrected areas: 33672268

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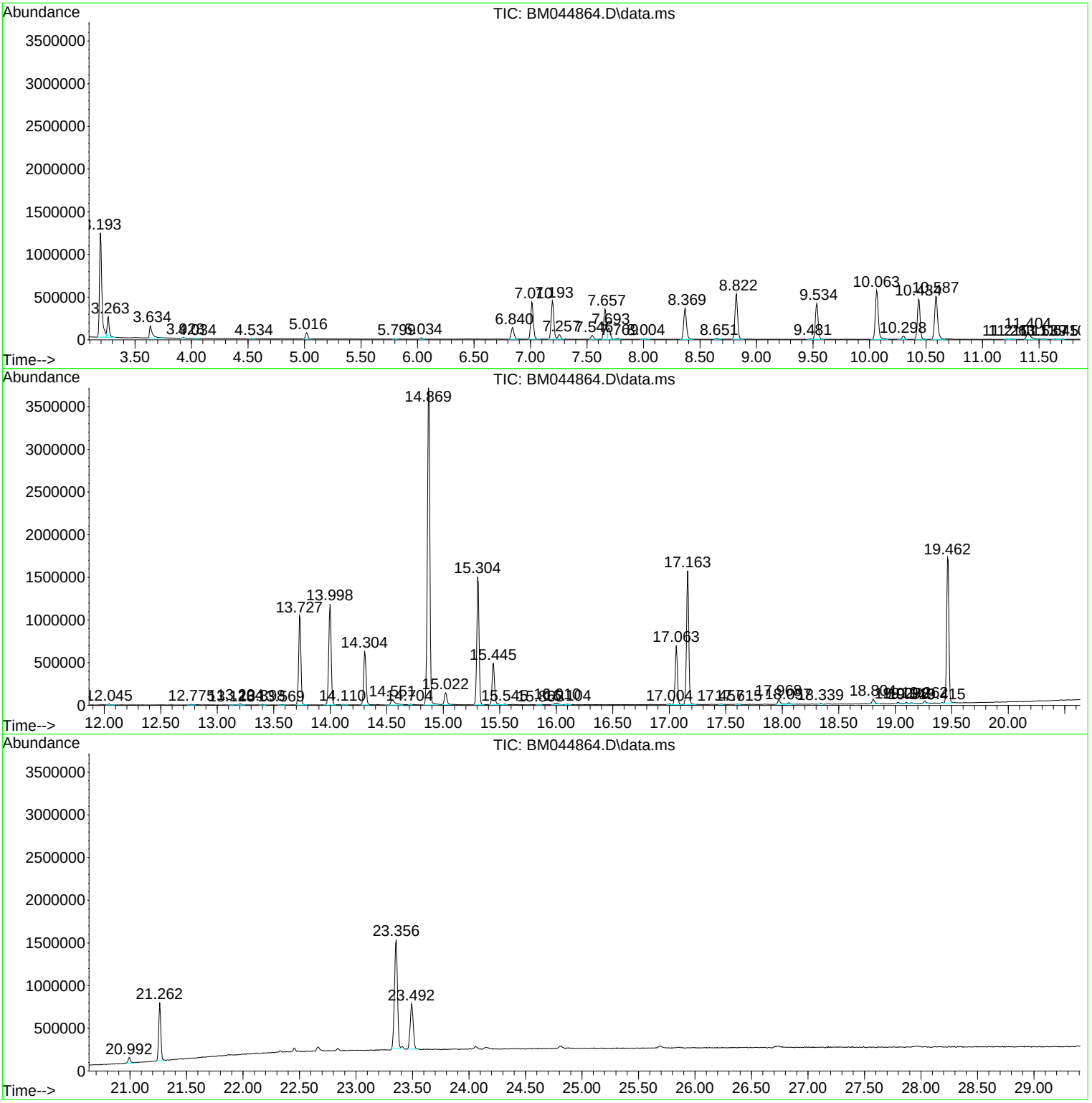
Acq On : 01 Apr 2024 14:23
Operator : MA/JU
Sample : P1925-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PMW-2(20240327)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM030524.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\BM040124\
Data File : BM044864.D
Acq On : 01 Apr 2024 14:23
Operator : MA/JU
Sample : P1925-07
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Instrument :
BNA_M
ClientSampleId :
PMW-2(20240327)

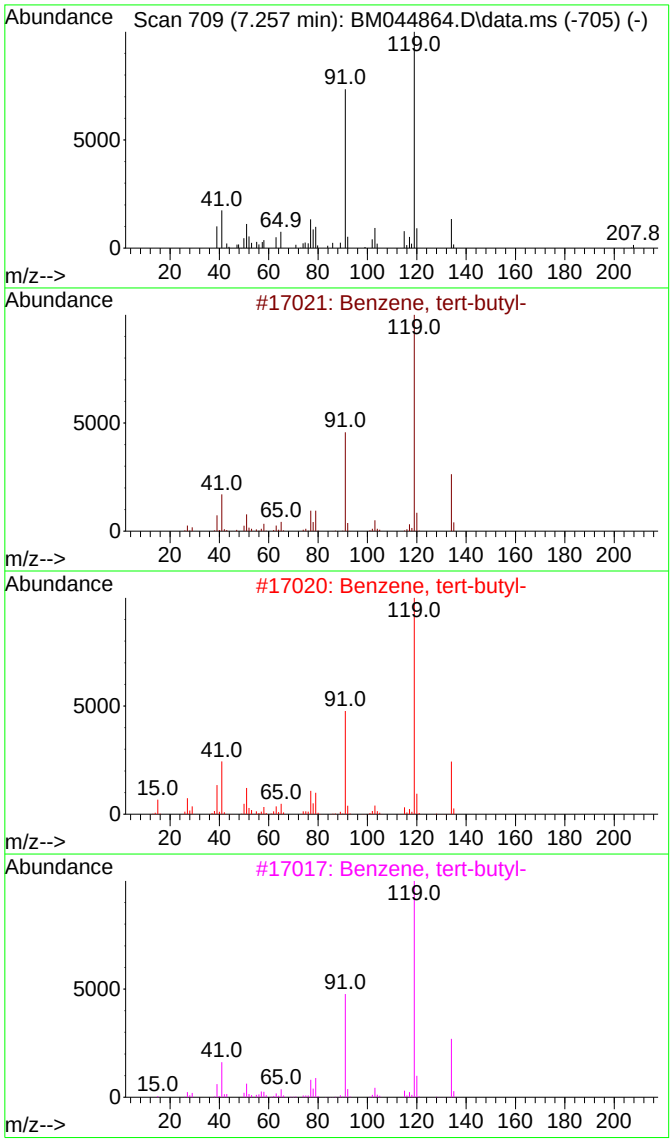
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM030524.MA.M
Quant Title : SVOA CALIBRATION

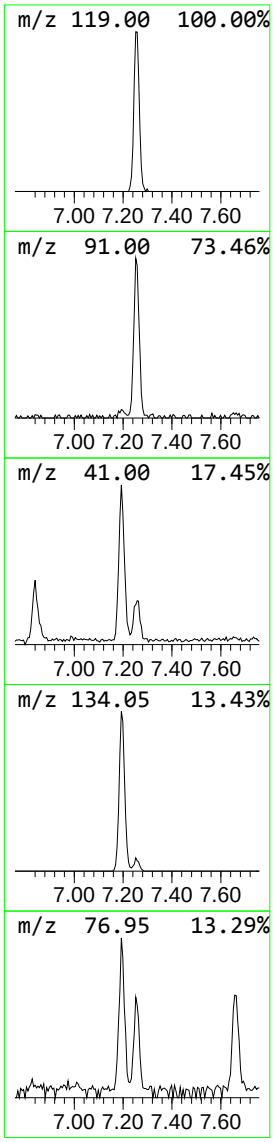
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Benzene, tert-butyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.257	2.81 ng/ul	83656	1,4-Dichlorobenzene-d4	7.657

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, tert-butyl-	134	C10H14	000098-06-6	91
2	Benzene, tert-butyl-	134	C10H14	000098-06-6	90
3	Benzene, tert-butyl-	134	C10H14	000098-06-6	90
4	Benzene, tert-butyl-	134	C10H14	000098-06-6	87
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040124\
Data File : BM044864.D
Acq On : 01 Apr 2024 14:23
Operator : MA/JU
Sample : P1925-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PMW-2(20240327)

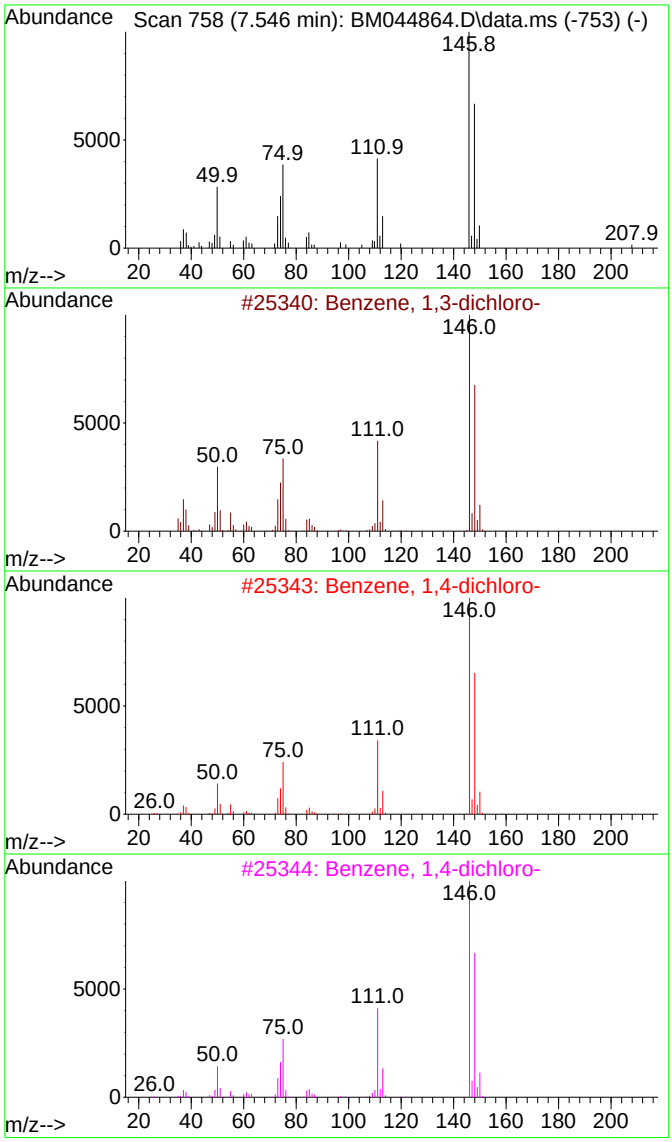
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM030524.MA.M
Quant Title : SVOA CALIBRATION

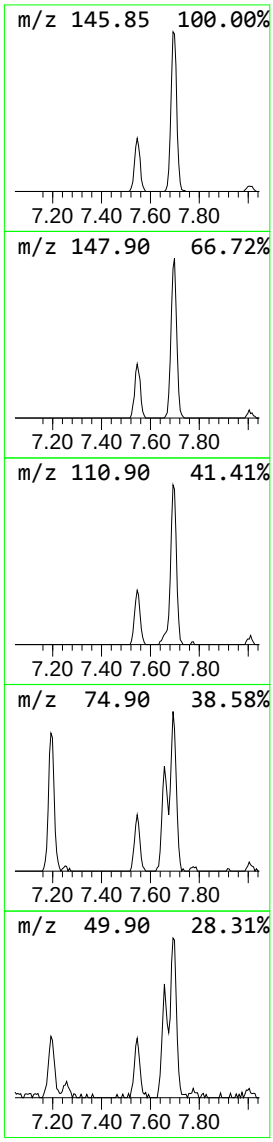
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzene, 1,3-dichloro- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.546	2.44 ng/ul	72724	1,4-Dichlorobenzene-d4	7.657

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dichloro-	146	C6H4Cl2	000541-73-1	97
2	Benzene, 1,4-dichloro-	146	C6H4Cl2	000106-46-7	97
3	Benzene, 1,4-dichloro-	146	C6H4Cl2	000106-46-7	97
4	Benzene, 1,3-dichloro-	146	C6H4Cl2	000541-73-1	96
5	Benzene, 1,4-dichloro-	146	C6H4Cl2	000106-46-7	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040124\
Data File : BM044864.D
Acq On : 01 Apr 2024 14:23
Operator : MA/JU
Sample : P1925-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PMW-2(20240327)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM030524.MA.M
Quant Title : SVOA CALIBRATION

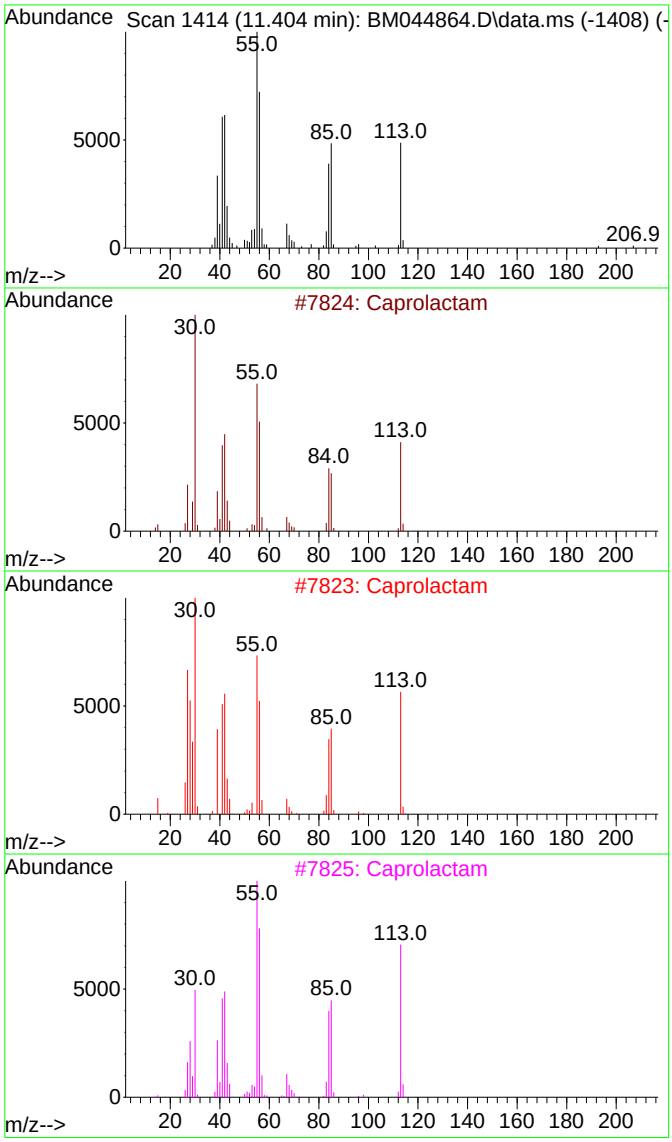
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

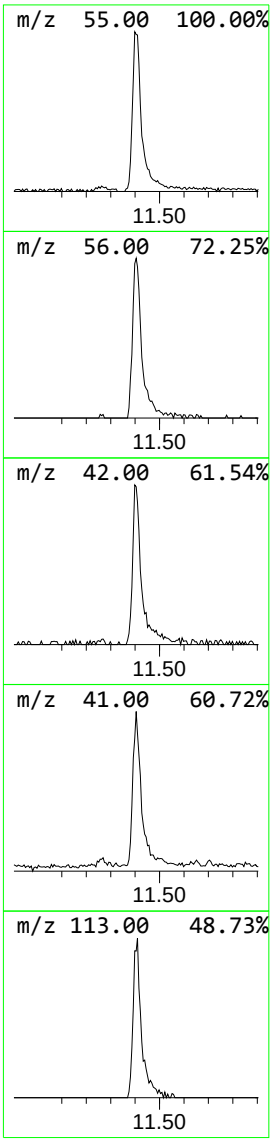
****

Peak Number 4 Capro lactam Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.404	5.50 ng/ul	216604	Naphthalene-d8	10.434

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Caprolactam	113	C6H11NO	000105-60-2	93
2	Caprolactam	113	C6H11NO	000105-60-2	90
3	Caprolactam	113	C6H11NO	000105-60-2	87
4	1-Hexene	84	C6H12	000592-41-6	55
5	Caprolactam	113	C6H11NO	000105-60-2	52





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040124\
Data File : BM044864.D
Acq On : 01 Apr 2024 14:23
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Sample : P1925-07
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ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PMW-2(20240327)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM030524.MA.M
Quant Title : SVOA CALIBRATION

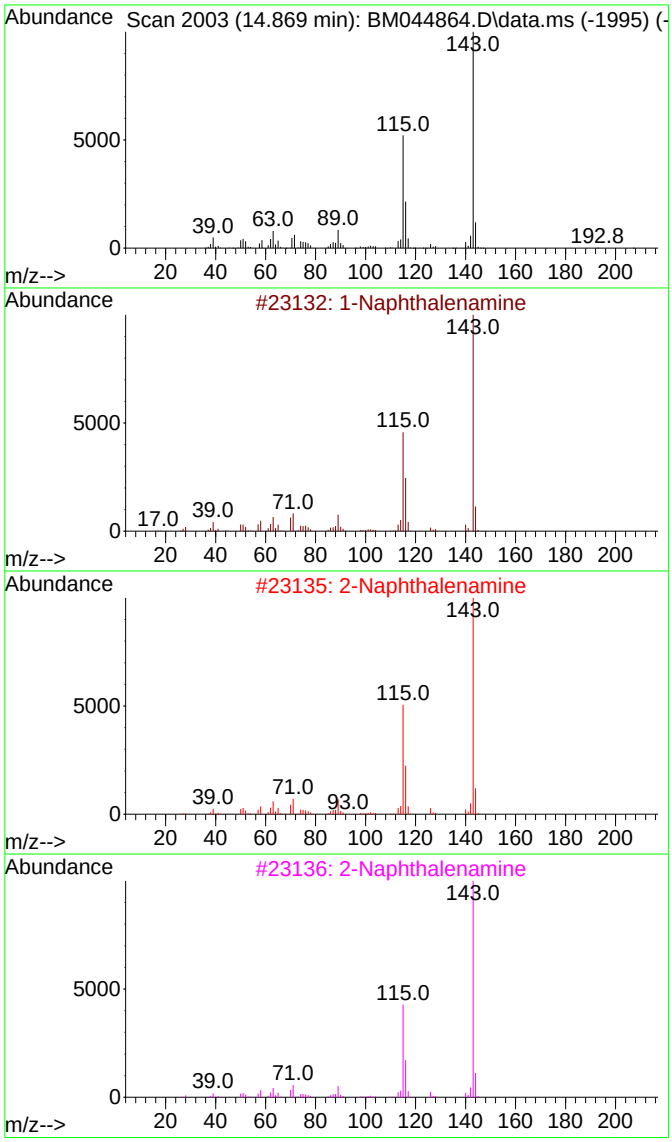
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

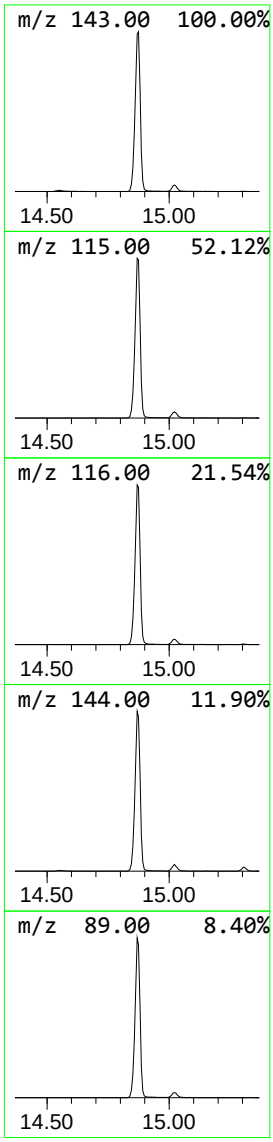
****

Peak Number 5 1-Naphthalenamine Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.869	118.26 ng/ul	5528580	Acenaphthene-d10	14.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Naphthalenamine	143	C10H9N	000134-32-7	97
2	2-Naphthalenamine	143	C10H9N	000091-59-8	96
3	2-Naphthalenamine	143	C10H9N	000091-59-8	95
4	1-Naphthalenamine	143	C10H9N	000134-32-7	95
5	2-Naphthalenamine	143	C10H9N	000091-59-8	93





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Data File : BM044864.D
Acq On : 01 Apr 2024 14:23
Operator : MA/JU
Sample : P1925-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PMW-2(20240327)

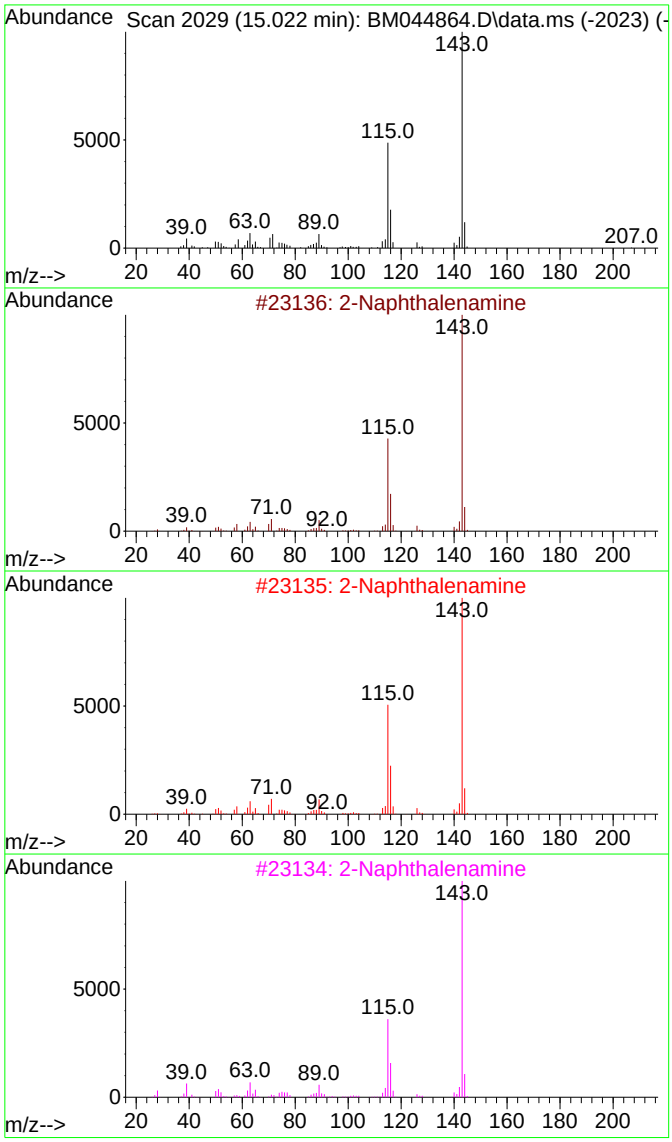
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM030524.MA.M
Quant Title : SVOA CALIBRATION

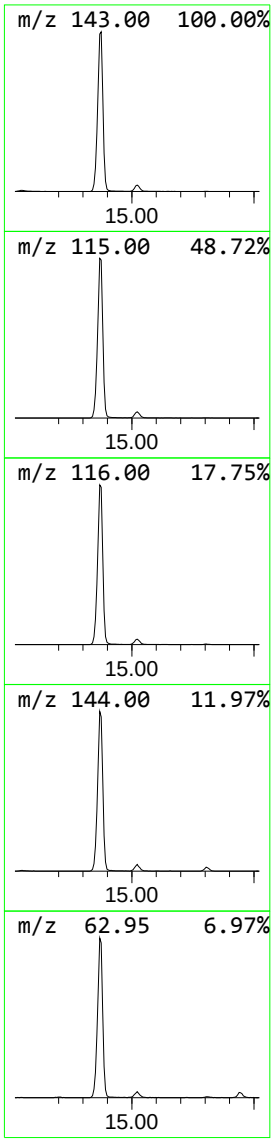
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 2-Naphthalenamine Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.022	4.45 ng/ul	207833	Acenaphthene-d10	14.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Naphthalenamine	143	C10H9N	000091-59-8	97
2	2-Naphthalenamine	143	C10H9N	000091-59-8	96
3	2-Naphthalenamine	143	C10H9N	000091-59-8	95
4	2-Naphthalenamine	143	C10H9N	000091-59-8	94
5	Isoquinoline, 3-methyl-	143	C10H9N	001125-80-0	91





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Data File : BM044864.D
Acq On : 01 Apr 2024 14:23
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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PMW-2(20240327)

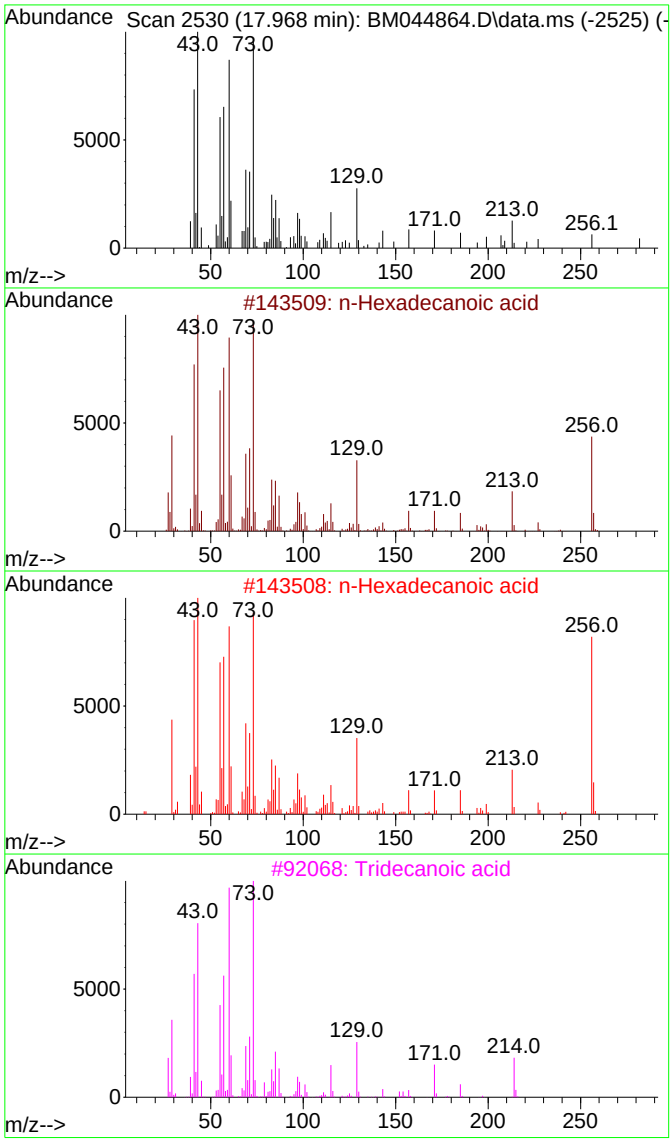
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM030524.MA.M
Quant Title : SVOA CALIBRATION

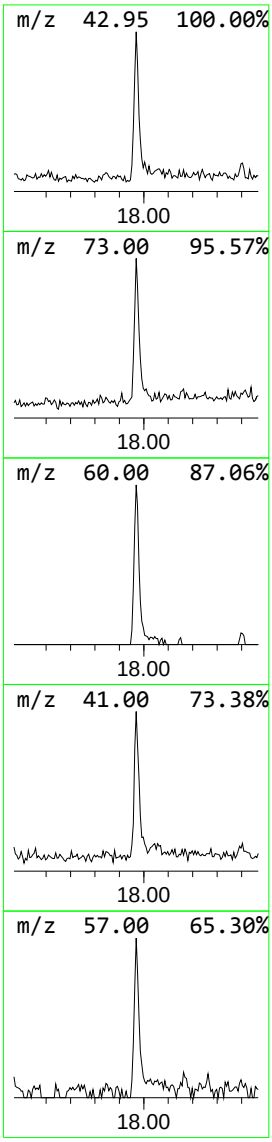
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 n-Hexadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.968	2.09 ng/ul	99185	Phenanthrene-d10	17.063

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
3	Tridecanoic acid	214	C13H26O2	000638-53-9	90
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040124\
Data File : BM044864.D
Acq On : 01 Apr 2024 14:23
Operator : MA/JU
Sample : P1925-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PMW-2(20240327)

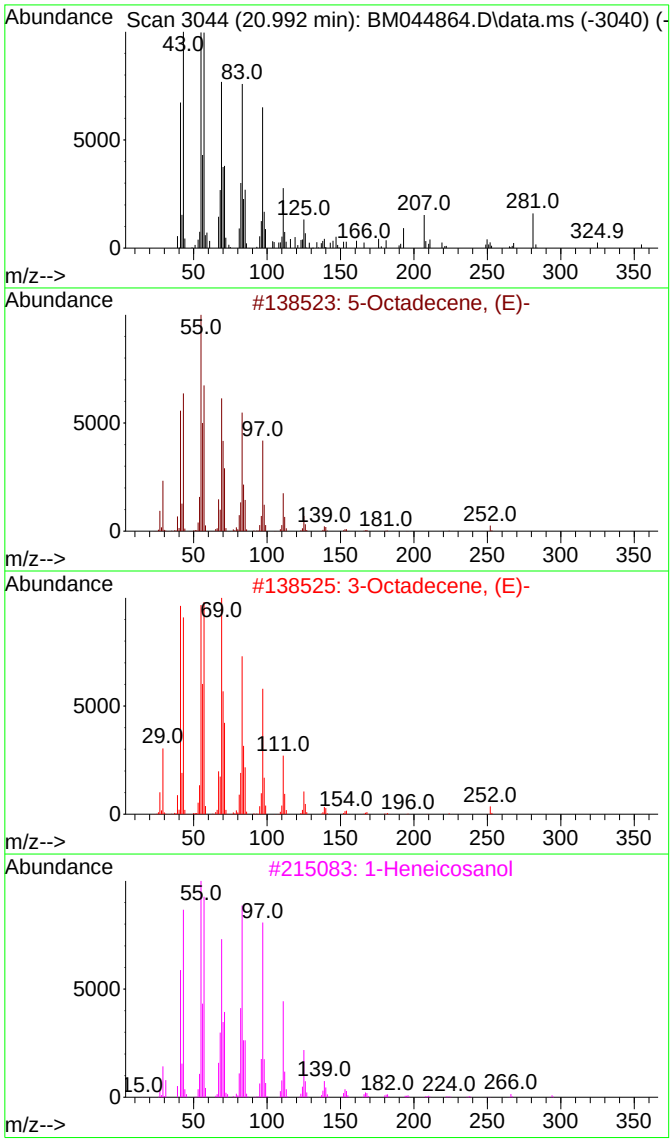
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM030524.MA.M
Quant Title : SVOA CALIBRATION

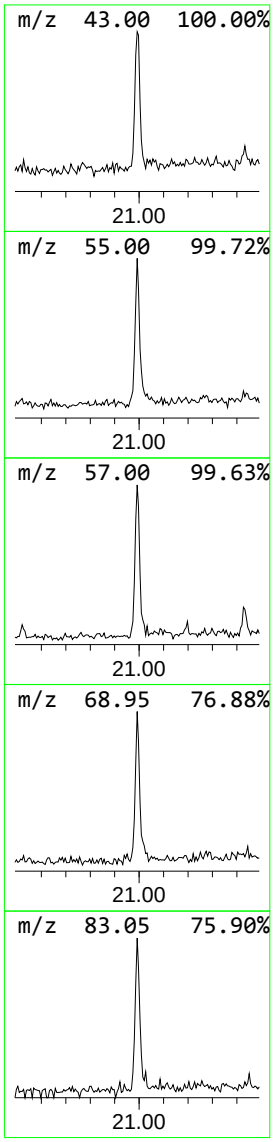
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.992	2.35 ng/ul	104084	Chrysene-d12	21.262

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Octadecene, (E)-	252	C18H36	007206-21-5	95
2	3-Octadecene, (E)-	252	C18H36	007206-19-1	93
3	1-Heneicosanol	312	C21H44O	015594-90-8	90
4	1-Hexacosene	364	C26H52	018835-33-1	90
5	Behenic alcohol	326	C22H46O	000661-19-8	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040124\
Data File : BM044864.D
Acq On : 01 Apr 2024 14:23
Operator : MA/JU
Sample : P1925-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PMW-2(20240327)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM030524.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
Benzene, tert-b...	7.257	2.8	ng/ul	83656	1	7.657	595287	20.0
Benzene, 1,3-di...	7.546	2.4	ng/ul	72724	1	7.657	595287	20.0
Capro lactam	11.404	5.5	ng/ul	216604	2	10.434	788155	20.0
1-Naphthalenamine	14.869	118.3	ng/ul	5528580	3	14.304	935013	20.0
2-Naphthalenamine	15.022	4.5	ng/ul	207833	3	14.304	935013	20.0
n-Hexadecanoic ...	17.968	2.1	ng/ul	99185	4	17.063	947503	20.0
(DEL) Alkane: S...	20.992	2.4	ng/ul	104084	5	21.262	884064	20.0