LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092322\
Data File : BM036704.D
Acq On : 24 Sep 2022 07:53
Operator : CG/JU
Sample : N4649-22
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EXZ43

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-BM091522.M
Title : SVOA CALIBRATION

Signal : TIC: BM036704.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.116	3	5	35	rVB	7270309	9313263	95.89%	8.324%
2	3.351	42	45	48	rBV2	49939	61835	0.64%	0.055%
3	3.387	48	51	53	rVV	81330	99876	1.03%	0.089%
4	3.422	53	57	67	rVB	250237	358105	3.69%	0.320%
5	3.816	121	124	139	rBV	350819	590222	6.08%	0.528%
6	4.051	160	164	171	rVB	41906	66392	0.68%	0.059%
7	4.146	177	180	186	rVB2	27248	37533	0.39%	0.034%
8	4.687	267	272	280	rBV	153409	233488	2.40%	0.209%
9	5.093	337	341	346	rBV	75065	105972	1.09%	0.095%
10	7.163	687	693	703	rVB	350097	556168	5.73%	0.497%
11	7.334	715	722	731	rBV	1429210	2209313	22.75%	1.975%
12	7.404	732	734	739	rVB	9478	12543	0.13%	0.011%
13	7.534	749	756	766	rBV	1300020	2033258	20.93%	1.817%
14	7.745	787	792	797	rVB9	12942	24789	0.26%	0.022%
15	8.004	829	836	843	rBV	1491253	2368965	24.39%	2.117%
16	8.069	843	847	853	rVB	59602	92532	0.95%	0.083%
17	8.451	906	912	920	rVB8	12622	23306	0.24%	0.021%
18	8.716	948	957	968	rBV	1060699	1694118	17.44%	1.514%
19	9.175	1027	1035	1048	rBV	1631130	2693084	27.73%	2.407%
20	9.280	1050	1053	1057	rVV4	12065	16570	0.17%	0.015%
21	9.433	1074	1079	1085	rBV9	5672	13203	0.14%	0.012%
22	9.592	1102	1106	1114	rVB	37130	64126	0.66%	0.057%
23	9.898	1149	1158	1170	rBV	1176375	1980959	20.40%	1.771%
24	10.433	1242	1249	1258	rBV	1916071	3122433	32.15%	2.791%
25	10.598	1272	1277	1287	rBV2	60178	108699	1.12%	0.097%
26	10.816	1306	1314	1325	rBV	2265911	3821009	39.34%	3.415%
27	10.951	1330	1337	1350	rBV	1748052	3038916	31.29%	2.716%
28	12.080	1524	1529	1534	rBV3	9859	20667	0.21%	0.018%
29	12.398	1577	1583	1590	rVB	42657	67428	0.69%	0.060%
30	13.004	1680	1686	1691	rBV9	5228	10530	0.11%	0.009%
31	13.257	1723	1729	1734	rBV7	11666	20129	0.21%	0.018%
32	13.463	1760	1764	1768	rBV2	19402	23343	0.24%	0.021%
33	13.533	1770	1776	1782	rBV	59957	95457	0.98%	0.085%
34	13.604	1785	1788	1796	rVB6	8074	17249	0.18%	0.015%
35	14.045	1856	1863	1873	rBV	4078470	5472401	56.34%	4.891%
36	14.163	1879	1883	1887	rVB6	7397	11210	0.12%	0.010%

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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-BM091522.M
Title : SVOA CALIBRATION

37	14.280	1897	1903	1904	rBV6	14768	17040	0.18%	0.015%
38	14.327	1904	1911	1924	rVB	4461606	6506009	66.98%	5.815%
39	14.527	1940	1945	1951	rVB6	12889	21747	0.22%	0.019%
40	14.633	1955	1963	1971	rBV	3642828	5193461	53.47%	4.642%
41	14.821	1988	1995	2007	rBV	280324	458684	4.72%	0.410%
42	15.039	2027	2032	2038	rBV10	14959	24746	0.25%	0.022%
43	15.368	2084	2088	2093	rBV2	10667	15214	0.16%	0.014%
44	15.427	2093	2098	2103	rBV5	8942	16920	0.17%	0.015%
45	15.474	2103	2106	2109	rVB	22544	24848	0.26%	0.022%
46	15.621	2123	2131	2143	rBV	6282732	8661278	89.17%	7.742%
47	15.727	2143	2149	2163	rVV	1241630	1819501	18.73%	1.626%
48	15.857	2167	2171	2179	rVB	54927	92082	0.95%	0.082%
49	16.039	2197	2202	2206	rVB5	22834	29797	0.31%	0.027%
50	16.398	2260	2263	2269	rVB5	17240	25076	0.26%	0.022%
51	16.862	2337	2342	2346	rVB3	12630	20926	0.22%	0.019%
52	17.039	2368	2372	2378	rBV9	15697	28615	0.29%	0.026%
53	17.121	2383	2386	2390	rBV2	23503	33934	0.35%	0.030%
54	17.368	2421	2428	2435	rBV	4177753	5769265	59.40%	5.157%
55	17.468	2438	2445	2456	rVV	6711938	9205946	94.78%	8.228%
56	17.986	2531	2533	2538	rBV5	13833	17721	0.18%	0.016%
57	18.039	2538	2542	2548	rBV	150961	179927	1.85%	0.161%
58	18.256	2575	2579	2587	rBV	141744	231580	2.38%	0.207%
59	18.768	2664	2666	2671	rVB3	42298	42785	0.44%	0.038%
60	19.315	2755	2759	2766	rBV	90607	151220	1.56%	0.135%
61	19.386	2768	2771	2774	rVV	73469	92339	0.95%	0.083%
62	19.527	2792	2795	2800	rBV4	100115	136796	1.41%	0.122%
63	19.750	2827	2833	2839	rBV	7601352	9712739	100.00%	8.681%
64	20.415	2942	2946	2953	rBV	499908	678439	6.99%	0.606%
65	20.744	2999	3002	3006	rVB	154723	160077	1.65%	0.143%
66	21.244	3084	3087	3091	rBV	260747	275775	2.84%	0.246%
67	21.533	3131	3136	3144	rBV	3576933	4632185	47.69%	4.140%
68	23.809	3517	3523	3530	rBV2	3584061	6634240	68.30%	5.930%
69	23.968	3544	3550	3560	rVB2	2061134	4092605	42.14%	3.658%
70	28.056	4237	4245	4261	rVB	1897793	6396512	65.86%	5.717%

Sum of corrected areas: 111879120

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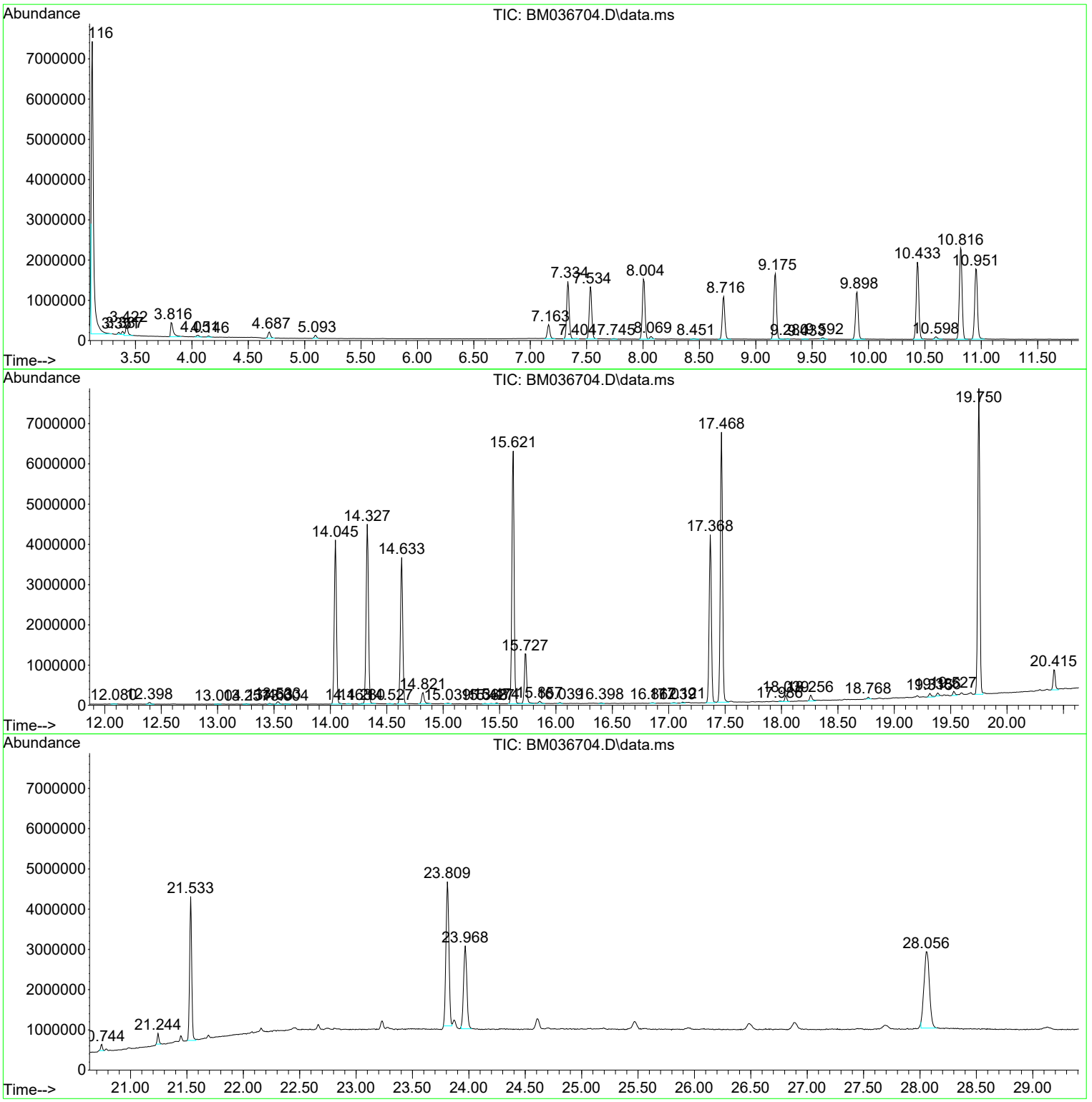
ClientSampleId :
EXZ43

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
Quant Title : SVOA CALIBRATION

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



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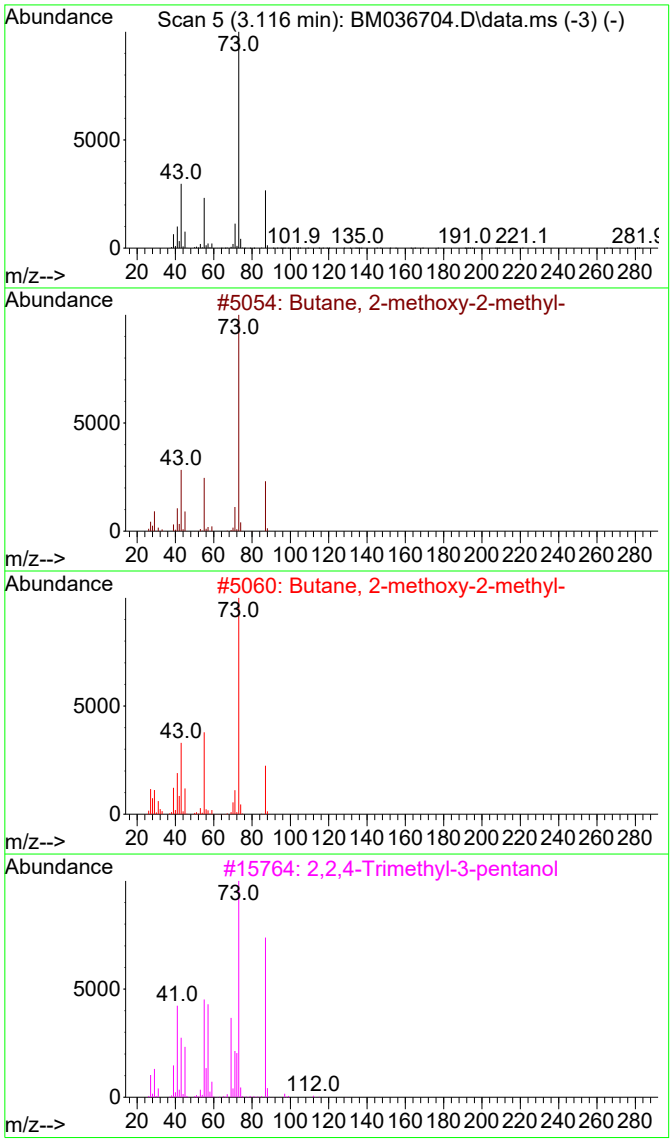
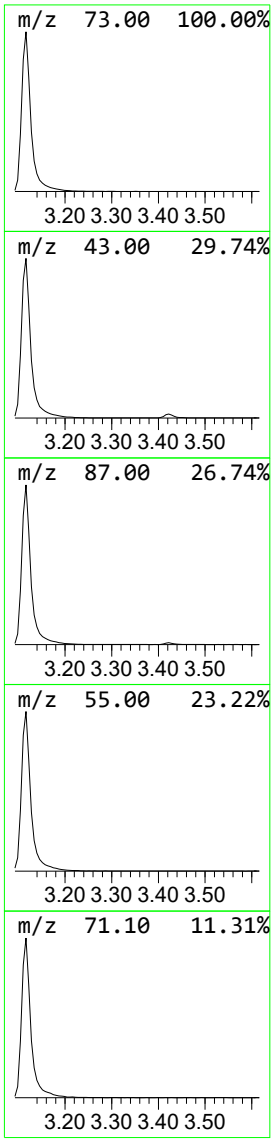
****
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.116	78.63 ng/ul	9313260	1,4-Dichlorobenzene-d4	8.004

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9





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Instrument :
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ClientSampleId :
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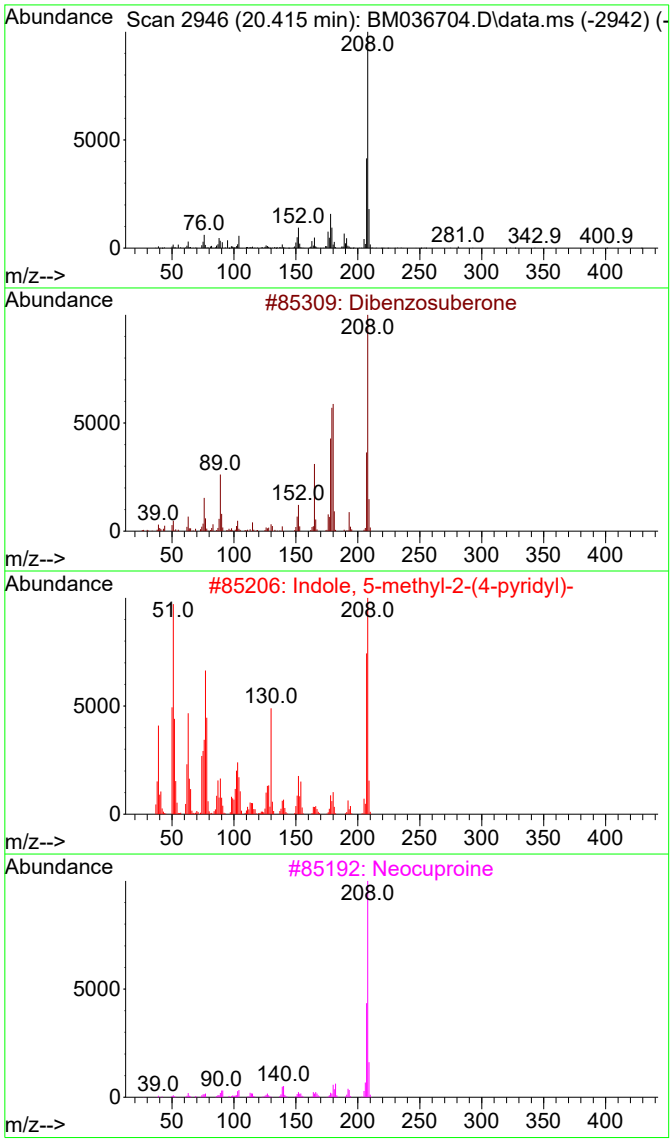
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
Quant Title : SVOA CALIBRATION

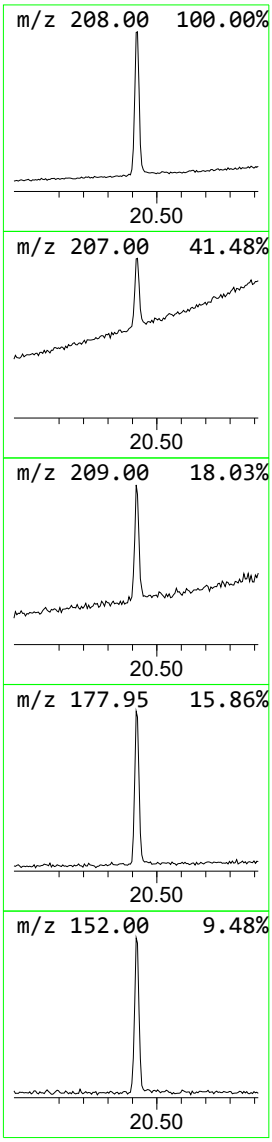
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Dibenzosuberone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.415	2.93 ng/ul	678439	Chrysene-d12	21.533

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzosuberone	208	C15H12O	001210-35-1	72
2	Indole, 5-methyl-2-(4-pyridyl)-	208	C14H12N2	107919-92-6	68
3	Neocuproine	208	C14H12N2	000484-11-7	64
4	Pyrene, 1,2,3,6,7,8-hexahydro-	208	C16H16	001732-13-4	64
5	Neocuproine	208	C14H12N2	000484-11-7	64





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Instrument :
BNA_M
ClientSampleId :
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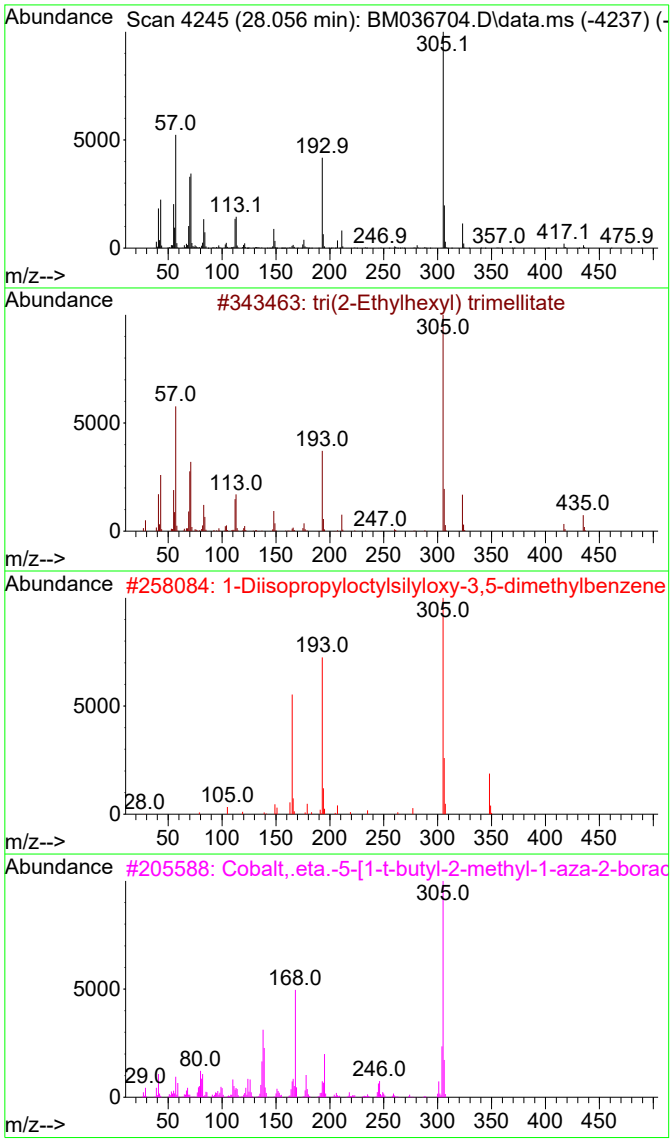
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
Quant Title : SVOA CALIBRATION

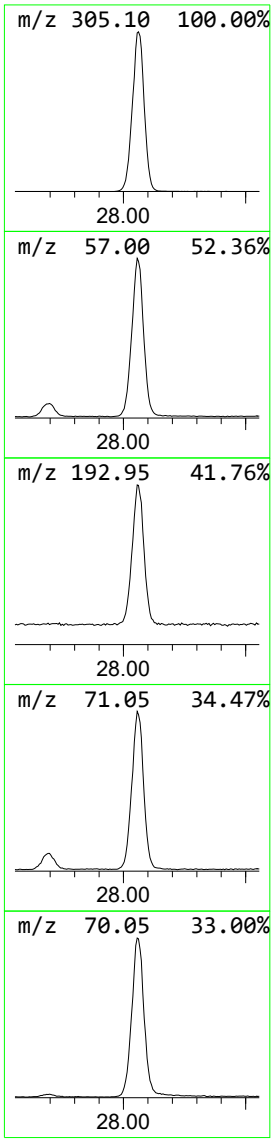
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 tri(2-Ethylhexyl) trimellitate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.056	31.26 ng/ul	6396510	Perylene-d12	23.968

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	tri(2-Ethylhexyl) trimellitate	546	C33H54O6	003319-31-1	91
2	1-Diisopropyloctylsilyloxy-3,5-d...	348	C22H40OSi	1000307-85-1	37
3	Cobalt,.eta.-5-[1-t-butyl-2-meth...	305	C16H29BCoN	1000161-32-8	23
4	4-(Diphenylphosphino)-N,N-dimeth...	305	C20H20NP	000739-58-2	23
5	benzenamine, 4-methoxy-N-(4-meth...	305	C20H19NO2	1000402-19-8	23





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-metho...	3.116	78.6	ng/ul	9313260	1	8.004	2368970	20.0
Dibenzosuberone	20.415	2.9	ng/ul	678439	5	21.533	4632190	20.0
tri(2-Ethylhexy...	28.056	31.3	ng/ul	6396510	6	23.968	4092610	20.0