LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092823\
Data File : BP017424.D
Acq On : 28 Sep 2023 21:28
Operator : MA/JU
Sample : 04417-31
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : EZYN0

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-BP092023.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP017424.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.299	34	36	45	rVB	21914	29323	1.50%	0.143%
2	3.752	110	113	121	rVB2	19725	35863	1.84%	0.174%
3	3.852	126	130	135	rVV	26144	33941	1.74%	0.165%
4	3.928	138	143	150	rVB	54159	81814	4.20%	0.398%
5	4.046	160	163	167	rVB	10299	11740	0.60%	0.057%
6	4.193	184	188	195	rVB3	20155	33193	1.70%	0.161%
7	4.434	225	229	235	rBV3	15070	27506	1.41%	0.134%
8	4.987	319	323	327	rBV	32136	42093	2.16%	0.205%
9	5.028	327	330	339	rVB2	10585	20767	1.07%	0.101%
10	5.117	341	345	348	rBV6	4876	9252	0.47%	0.045%
11	5.287	370	374	375	rBV3	3719	4130	0.21%	0.020%
12	5.534	410	416	418	rBV7	5617	10984	0.56%	0.053%
13	5.899	476	478	484	rVB5	4706	6861	0.35%	0.033%
14	6.281	540	543	546	rVB5	2856	3971	0.20%	0.019%
15	6.358	551	556	562	rBV2	17640	31484	1.62%	0.153%
16	6.517	579	583	587	rBV6	5262	8932	0.46%	0.043%
17	6.793	628	630	636	rVB7	5381	7555	0.39%	0.037%
18	6.922	643	652	653	rBV8	7833	13726	0.70%	0.067%
19	7.117	679	685	699	rBV2	273916	612119	31.40%	2.977%
20	7.299	710	716	726	rVB	213240	331252	16.99%	1.611%
21	7.481	740	747	755	rVB	280679	456393	23.41%	2.220%
22	7.575	759	763	766	rVV3	8235	10457	0.54%	0.051%
23	7.764	792	795	801	rBV3	6088	10089	0.52%	0.049%
24	7.840	807	808	815	rVB7	4552	5043	0.26%	0.025%
25	7.964	822	829	838	rBV	468999	749923	38.47%	3.647%
26	8.046	841	843	848	rVB6	5102	6228	0.32%	0.030%
27	8.405	901	904	905	rBV3	4397	4091	0.21%	0.020%
28	8.481	915	917	921	rVB5	3156	3860	0.20%	0.019%
29	8.681	945	951	960	rBV	282560	485723	24.92%	2.362%
30	8.752	960	963	969	rVV7	11916	23478	1.20%	0.114%
31	8.822	969	975	982	rVB	82425	139076	7.13%	0.676%
32	8.952	992	997	1000	rBV7	2803	5590	0.29%	0.027%
33	9.046	1010	1013	1016	rVB5	4127	4318	0.22%	0.021%
34	9.122	1022	1026	1029	rBV	15621	22887	1.17%	0.111%
35	9.169	1029	1034	1044	rVB	251238	408726	20.97%	1.988%
36	9.293	1053	1055	1058	rVB4	3187	3561	0.18%	0.017%

LSC Area Percent Report

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Acq On : 28 Sep 2023 21:28
Operator : MA/JU
Sample : 04417-31
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EZYN0

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-BP092023.MA.M
Title : SVOA CALIBRATION

37	9.363	1063	1067	1073	rBV9	6873	13027	0.67%	0.063%
38	9.528	1092	1095	1099	rBV6	2826	4892	0.25%	0.024%
39	9.640	1111	1114	1121	rBV8	3851	6299	0.32%	0.031%
40	9.758	1129	1134	1139	rVB6	5898	10375	0.53%	0.050%
41	9.887	1149	1156	1167	rBV	189961	329105	16.88%	1.601%
42	9.999	1171	1175	1179	rVV	24719	35683	1.83%	0.174%
43	10.052	1179	1184	1191	rVV3	10248	19661	1.01%	0.096%
44	10.240	1208	1216	1220	rBV	52905	112334	5.76%	0.546%
45	10.275	1220	1222	1234	rVB	39715	65347	3.35%	0.318%
46	10.369	1234	1238	1240	rBV5	4591	7139	0.37%	0.035%
47	10.422	1240	1247	1258	rVV	340314	580630	29.78%	2.824%
48	10.705	1285	1295	1304	rVB	101595	188675	9.68%	0.918%
49	10.805	1304	1312	1318	rBV	633939	1062610	54.51%	5.168%
50	10.857	1318	1321	1329	rVB2	23199	45823	2.35%	0.223%
51	10.969	1329	1340	1350	rBV	236420	448544	23.01%	2.181%
52	11.146	1364	1370	1381	rVB	98866	170083	8.72%	0.827%
53	11.369	1401	1408	1413	rBV	5459	14411	0.74%	0.070%
54	11.428	1413	1418	1419	rVV5	4265	7066	0.36%	0.034%
55	11.446	1419	1421	1424	rVB4	3741	3915	0.20%	0.019%
56	11.581	1435	1444	1445	rBV8	3545	5726	0.29%	0.028%
57	11.640	1448	1454	1461	rVB4	17442	34909	1.79%	0.170%
58	11.740	1466	1471	1476	rBV5	10916	17340	0.89%	0.084%
59	11.863	1489	1492	1497	rVB7	4750	8846	0.45%	0.043%
60	12.140	1525	1539	1546	rBV	517746	804473	41.27%	3.913%
61	12.393	1579	1582	1587	rVB6	7513	10178	0.52%	0.050%
62	12.469	1587	1595	1603	rBV	28824	49361	2.53%	0.240%
63	12.569	1607	1612	1613	rBV5	3072	4574	0.23%	0.022%
64	12.687	1627	1632	1639	rVB	22325	36752	1.89%	0.179%
65	12.781	1644	1648	1652	rBV7	3370	6915	0.35%	0.034%
66	12.899	1665	1668	1670	rVB4	3888	4617	0.24%	0.022%
67	12.963	1675	1679	1682	rBV6	6578	9068	0.47%	0.044%
68	13.052	1690	1694	1697	rBV5	4373	6667	0.34%	0.032%
69	13.099	1697	1702	1707	rVV6	9635	15232	0.78%	0.074%
70	13.399	1745	1753	1758	rBV	40173	60921	3.13%	0.296%
71	13.493	1760	1769	1776	rVV2	43909	79776	4.09%	0.388%
72	13.669	1796	1799	1801	rBV4	4352	6046	0.31%	0.029%
73	13.828	1817	1826	1831	rBV8	12789	36842	1.89%	0.179%
74	13.869	1831	1833	1841	rVB9	5997	9088	0.47%	0.044%
75	13.963	1845	1849	1854	rVB2	19449	30294	1.55%	0.147%
76	14.022	1854	1859	1861	rBV3	18843	25589	1.31%	0.124%

LSC Area Percent Report

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Acq On : 28 Sep 2023 21:28
Operator : MA/JU
Sample : 04417-31
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EZYN0

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

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Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
Title : SVOA CALIBRATION

77	14.069	1861	1867	1873	rVV	610428	824260	42.28%	4.009%
78	14.204	1886	1890	1894	rBV3	9512	13681	0.70%	0.067%
79	14.357	1908	1916	1925	rBV	724916	1093241	56.08%	5.317%
80	14.481	1933	1937	1943	rBV	41354	55428	2.84%	0.270%
81	14.657	1957	1967	1976	rBV	978850	1435413	73.63%	6.981%
82	14.728	1976	1979	1986	rVB9	10105	20692	1.06%	0.101%
83	14.834	1994	1997	1999	rBV4	4717	6143	0.32%	0.030%
84	14.898	2003	2008	2020	rBV	105620	204930	10.51%	0.997%
85	15.063	2029	2036	2040	rBV4	19615	44506	2.28%	0.216%
86	15.257	2067	2069	2076	rVB8	10124	13552	0.70%	0.066%
87	15.322	2076	2080	2089	rVB8	9765	18536	0.95%	0.090%
88	15.398	2089	2093	2096	rBV6	14751	21344	1.09%	0.104%
89	15.445	2097	2101	2104	rVB	27510	31305	1.61%	0.152%
90	15.663	2131	2138	2145	rBV	935074	1380837	70.83%	6.716%
91	15.804	2159	2162	2166	rBV4	18018	22754	1.17%	0.111%
92	16.010	2194	2197	2204	rVB7	14294	19371	0.99%	0.094%
93	16.322	2246	2250	2256	rBV2	52894	90548	4.64%	0.440%
94	17.122	2384	2386	2390	rVB	25073	20951	1.07%	0.102%
95	17.445	2435	2441	2446	rBV	1282975	1776706	91.14%	8.641%
96	17.492	2446	2449	2452	rVB	59401	71245	3.65%	0.346%
97	17.545	2453	2458	2464	rBV2	986784	1452268	74.50%	7.063%
98	18.287	2582	2584	2590	rBV3	112014	168441	8.64%	0.819%
99	19.798	2837	2841	2851	rBV	1373875	1949421	100.00%	9.481%
100	21.580	3140	3144	3148	rVB	1373191	1741059	89.31%	8.468%

Sum of corrected areas: 20561414

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092823\
Data File : BP017424.D
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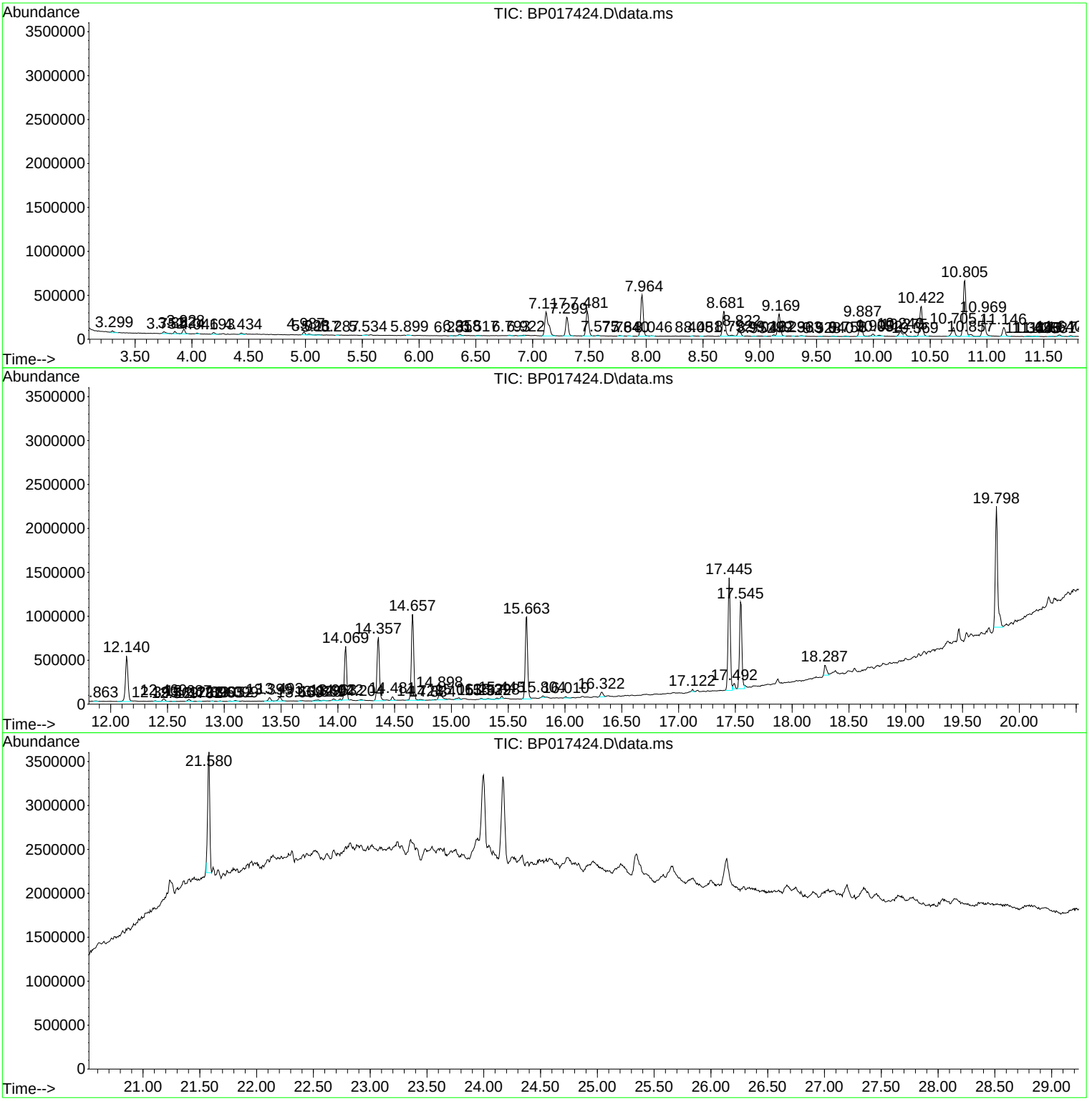
Operator : MA/JU
Sample : 04417-31
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EZYN0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092823\
Data File : BP017424.D
Acq On : 28 Sep 2023 21:28
Operator : MA/JU
Sample : 04417-31
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EZYN0

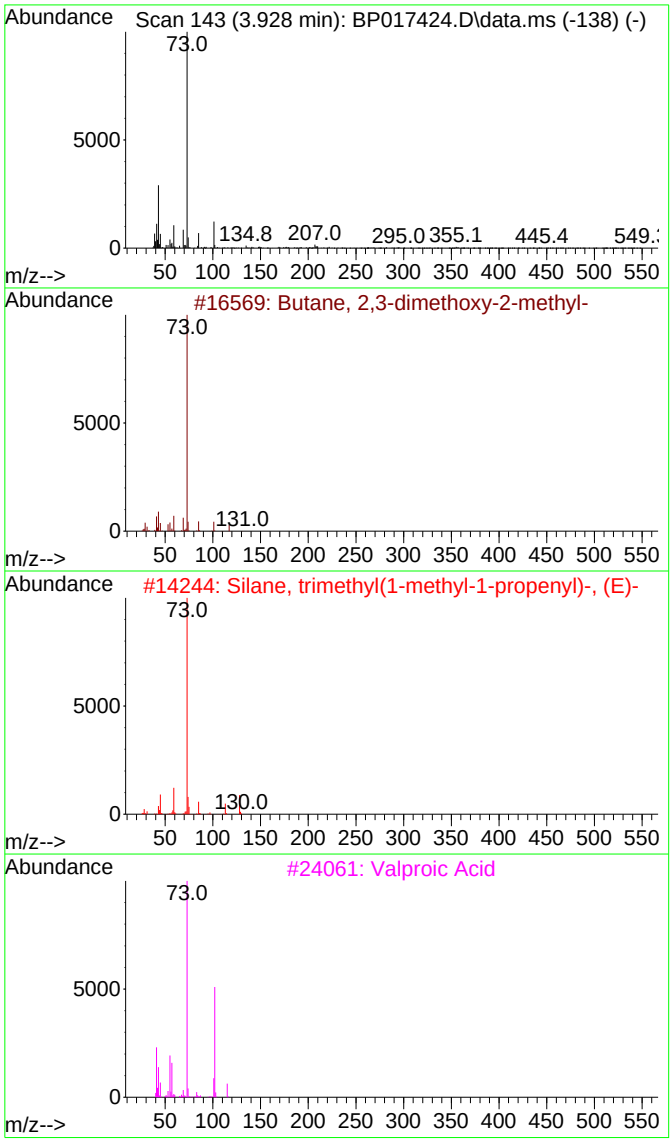
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
Quant Title : SVOA CALIBRATION

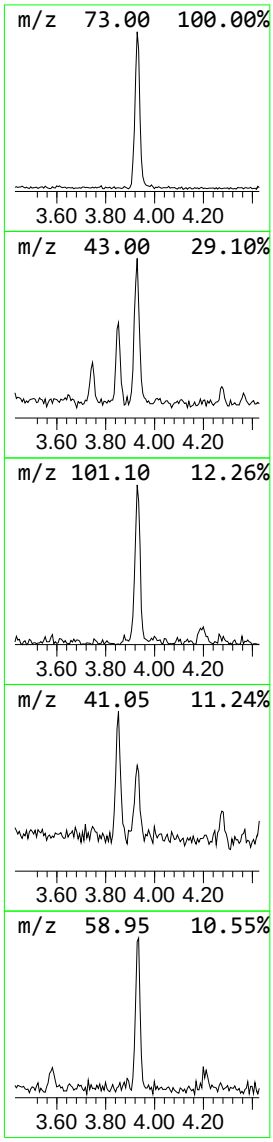
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Butane, 2,3-dimethoxy-2-met... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.928	2.18 ng/ul	81814	1,4-Dichlorobenzene-d4	7.964

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2,3-dimethoxy-2-methyl-	132	C7H16O2	074421-00-4	50
2	Silane, trimethyl(1-methyl-1-pro...	128	C7H16Si	010111-13-4	37
3	Valproic Acid	144	C8H16O2	000099-66-1	25
4	Valproic Acid	144	C8H16O2	000099-66-1	25
5	Valproic Acid	144	C8H16O2	000099-66-1	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092823\
Data File : BP017424.D
Acq On : 28 Sep 2023 21:28
Operator : MA/JU
Sample : 04417-31
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EZYN0

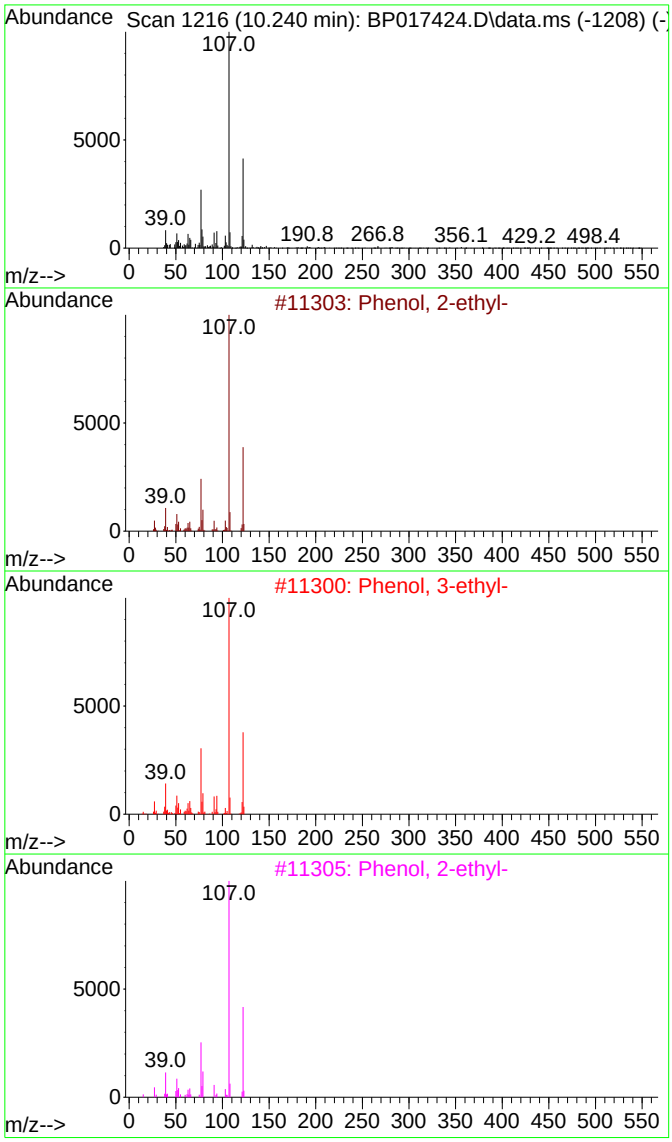
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
Quant Title : SVOA CALIBRATION

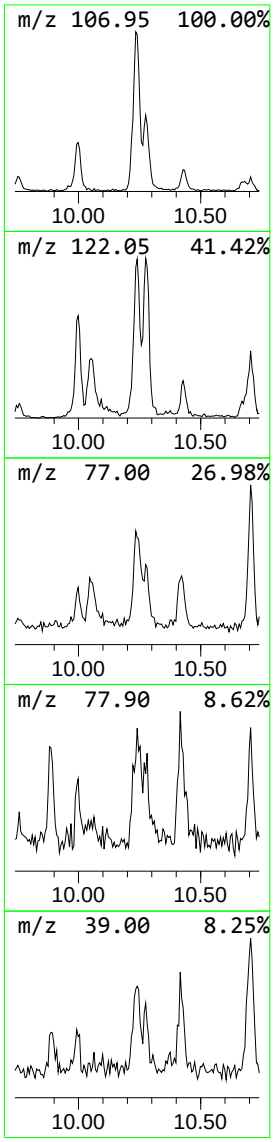
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Phenol, 2-ethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.240	2.11 ng/ul	112334	Naphthalene-d8	10.805

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-ethyl-	122	C8H10O	000090-00-6	91
2	Phenol, 3-ethyl-	122	C8H10O	000620-17-7	91
3	Phenol, 2-ethyl-	122	C8H10O	000090-00-6	91
4	Phenol, 3-ethyl-	122	C8H10O	000620-17-7	90
5	Phenol, 3-ethyl-	122	C8H10O	000620-17-7	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092823\
Data File : BP017424.D
Acq On : 28 Sep 2023 21:28
Operator : MA/JU
Sample : 04417-31
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EZYN0

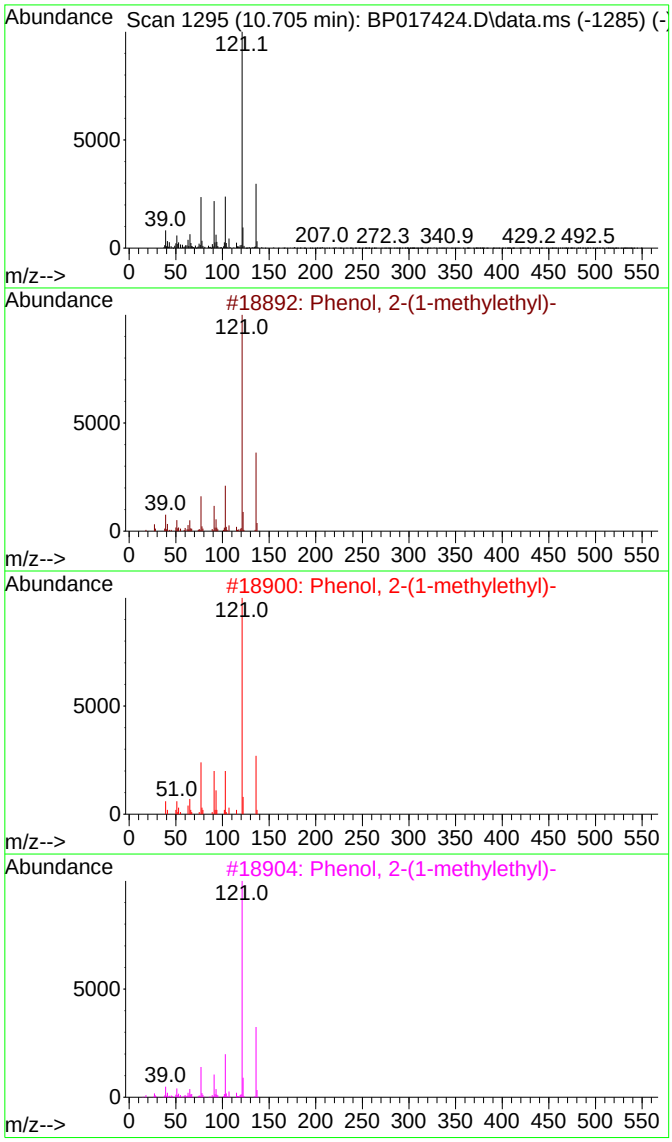
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
Quant Title : SVOA CALIBRATION

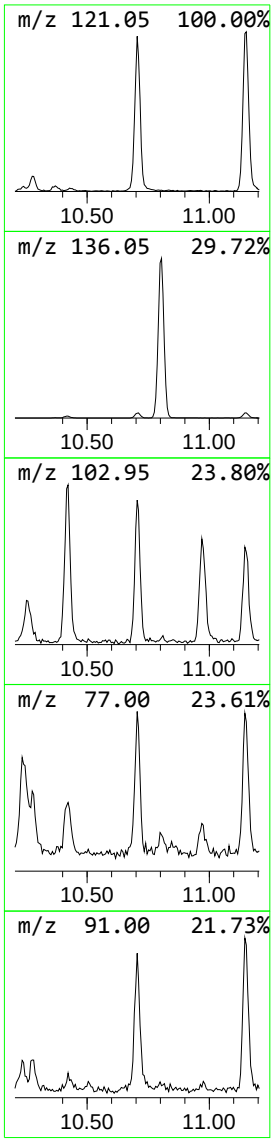
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Phenol, 2-(1-methylethyl)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.705	3.55 ng/ul	188675	Naphthalene-d8	10.805

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-(1-methylethyl)-	136	C9H12O	000088-69-7	94
2	Phenol, 2-(1-methylethyl)-	136	C9H12O	000088-69-7	94
3	Phenol, 2-(1-methylethyl)-	136	C9H12O	000088-69-7	91
4	Phenol, 3-(1-methylethyl)-	136	C9H12O	000618-45-1	87
5	Phenol, 3-(1-methylethyl)-	136	C9H12O	000618-45-1	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092823\
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Sample : 04417-31
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ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EZYN0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
Quant Title : SVOA CALIBRATION

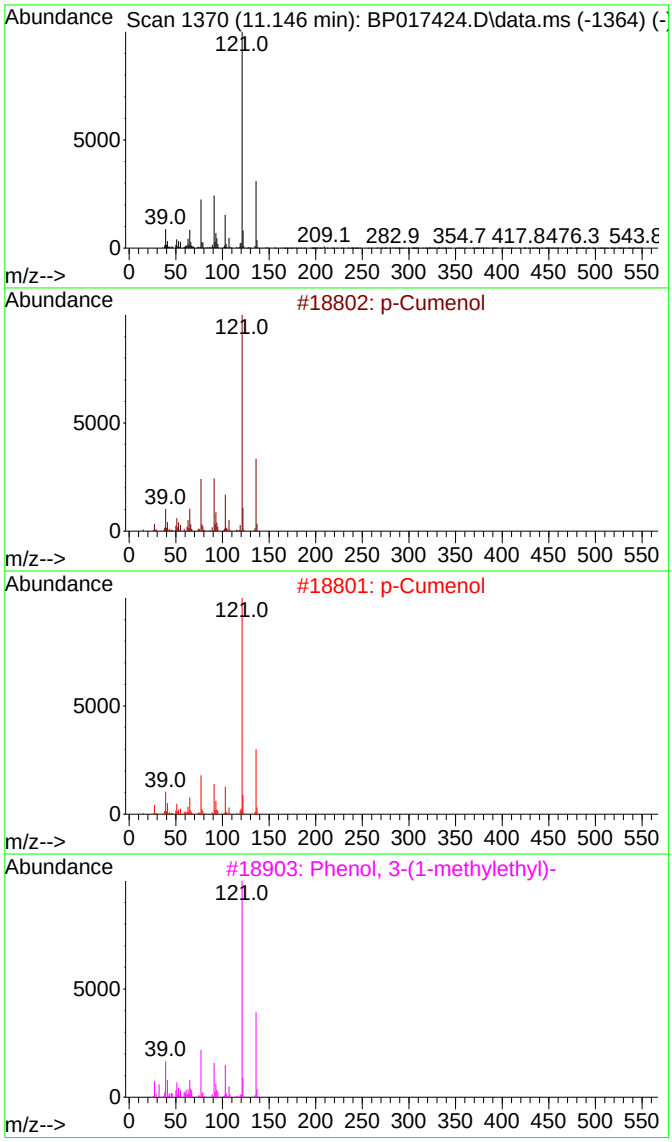
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

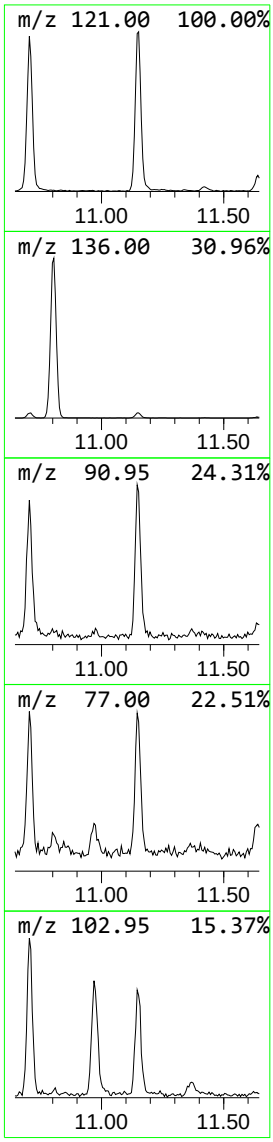
****

Peak Number 4 p-Cumenol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.146	3.20 ng/ul	170083	Naphthalene-d8	10.805

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Cumenol	136	C9H12O	000099-89-8	96
2	p-Cumenol	136	C9H12O	000099-89-8	94
3	Phenol, 3-(1-methylethyl)-	136	C9H12O	000618-45-1	91
4	Phenol, 3-(1-methylethyl)-	136	C9H12O	000618-45-1	91
5	p-Cumenol	136	C9H12O	000099-89-8	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092823\
Data File : BP017424.D
Acq On : 28 Sep 2023 21:28
Operator : MA/JU
Sample : 04417-31
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EZYN0

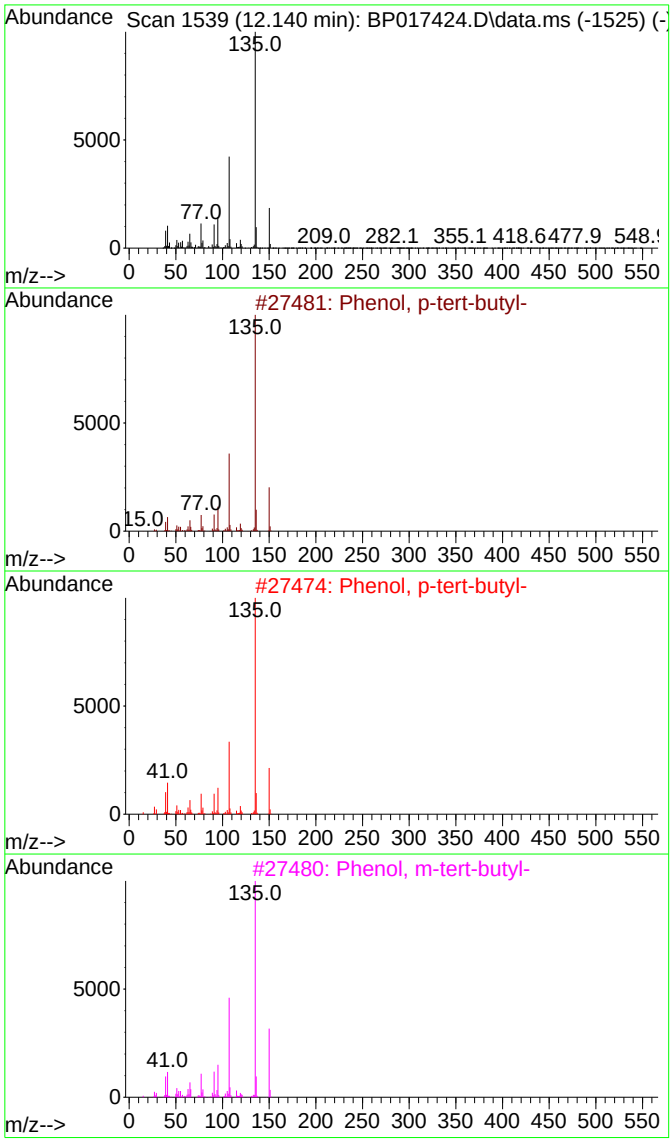
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
Quant Title : SVOA CALIBRATION

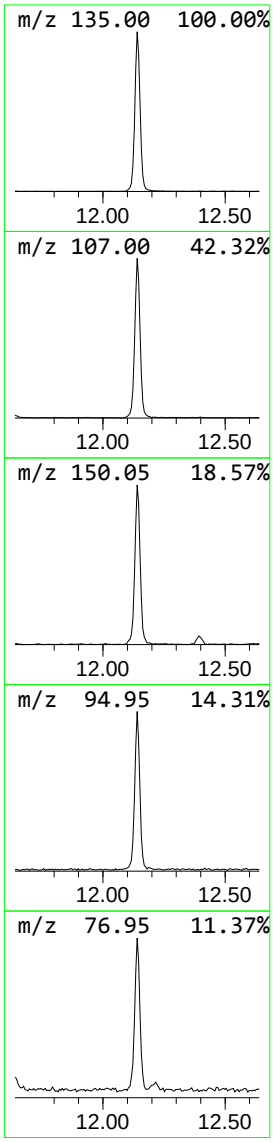
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Phenol, p-tert-butyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.140	15.14 ng/ul	804473	Naphthalene-d8	10.805

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	97
2	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	96
3	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	91
4	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	87
5	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092823\
Data File : BP017424.D
Acq On : 28 Sep 2023 21:28
Operator : MA/JU
Sample : 04417-31
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EZYN0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.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
Butane, 2,3-dim...	3.928	2.2	ng/ul	81814	1	7.964	749923	20.0
Phenol, 2-ethyl-	10.240	2.1	ng/ul	112334	2	10.805	1062610	20.0
Phenol, 2-(1-me...	10.705	3.5	ng/ul	188675	2	10.805	1062610	20.0
p-Cumenol	11.146	3.2	ng/ul	170083	2	10.805	1062610	20.0
Phenol, p-tert-...	12.140	15.1	ng/ul	804473	2	10.805	1062610	20.0