LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062724\
Data File : BP020677.D
Acq On : 28 Jun 2024 02:42
Operator : MA/JU
Sample : P2909-22
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : A4B46

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-BP062524.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP020677.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.011	3	4	10	rVB	219187	196647	6.30%	0.524%
2	3.058	10	12	15	rVB3	16595	17721	0.57%	0.047%
3	3.275	46	49	55	rVB	32190	38278	1.23%	0.102%
4	3.546	92	95	103	rBV	24715	36662	1.17%	0.098%
5	3.687	116	119	132	rBV	421547	549501	17.60%	1.464%
6	3.787	132	136	142	rVB	23285	32901	1.05%	0.088%
7	4.005	169	173	176	rVB	14776	18954	0.61%	0.050%
8	4.222	206	210	212	rBV3	4212	5946	0.19%	0.016%
9	4.364	231	234	238	rVB6	4244	5020	0.16%	0.013%
10	4.546	263	265	271	rVB6	4616	5827	0.19%	0.016%
11	4.699	289	291	300	rVB10	2685	4828	0.15%	0.013%
12	5.005	339	343	346	rVB5	5218	7294	0.23%	0.019%
13	5.475	421	423	429	rVB7	2570	3453	0.11%	0.009%
14	5.858	477	488	496	rBV	26307	47839	1.53%	0.127%
15	6.781	639	645	651	rBV10	6826	13057	0.42%	0.035%
16	6.928	663	670	682	rVB	499984	787933	25.24%	2.099%
17	7.093	690	698	714	rBV	422988	625728	20.04%	1.667%
18	7.287	724	731	740	rBV	537317	853981	27.35%	2.275%
19	7.375	740	746	754	rVV2	7879	21384	0.68%	0.057%
20	7.434	754	756	764	rVB9	3655	5251	0.17%	0.014%
21	7.746	801	809	817	rBV	603465	986432	31.60%	2.627%
22	7.816	817	821	829	rVB3	16623	31719	1.02%	0.084%
23	8.452	921	929	942	rBV	582117	990311	31.72%	2.638%
24	8.899	998	1005	1016	rBV	516316	784148	25.12%	2.089%
25	9.052	1028	1031	1039	rVB7	7153	11441	0.37%	0.030%
26	9.281	1066	1070	1075	rVB6	6241	10417	0.33%	0.028%
27	9.452	1092	1099	1108	rBV2	52982	92015	2.95%	0.245%
28	9.616	1119	1127	1143	rBV	386994	662362	21.22%	1.764%
29	9.852	1161	1167	1172	rVB9	4668	8376	0.27%	0.022%
30	10.140	1209	1216	1226	rBV	563026	982747	31.48%	2.617%
31	10.316	1239	1246	1249	rVB9	2439	4639	0.15%	0.012%
32	10.516	1271	1280	1291	rBV	776251	1275302	40.85%	3.397%
33	10.663	1296	1305	1318	rBV	426106	770612	24.68%	2.052%
34	11.063	1362	1373	1378	rBV6	15010	31309	1.00%	0.083%
35	11.263	1399	1407	1417	rBV	46629	110420	3.54%	0.294%
36	11.934	1516	1521	1526	rBV4	6804	11418	0.37%	0.030%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062724\
Data File : BP020677.D
Acq On : 28 Jun 2024 02:42
Operator : MA/JU
Sample : P2909-22
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : A4B46

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-BP062524.MA.M
Title : SVOA CALIBRATION

37	12.110	1546	1551	1557	rBV2	10447	16897	0.54%	0.045%
38	12.687	1644	1649	1650	rBV5	2223	3319	0.11%	0.009%
39	12.722	1651	1655	1658	rVB6	2083	3546	0.11%	0.009%
40	13.187	1728	1734	1741	rBV4	8154	15015	0.48%	0.040%
41	13.269	1741	1748	1750	rVV7	2106	4571	0.15%	0.012%
42	13.298	1750	1753	1755	rVV3	3672	4639	0.15%	0.012%
43	13.328	1756	1758	1764	rVB6	5233	8915	0.29%	0.024%
44	13.787	1827	1836	1845	rBV	816939	1294191	41.46%	3.447%
45	13.898	1851	1855	1859	rVB7	2536	3542	0.11%	0.009%
46	14.063	1871	1883	1897	rBV	1061331	1657145	53.08%	4.414%
47	14.287	1917	1921	1925	rVB6	4680	6615	0.21%	0.018%
48	14.381	1930	1937	1946	rBV	1005662	1469301	47.06%	3.913%
49	14.604	1967	1975	1989	rBV	234606	559657	17.93%	1.491%
50	14.763	1999	2002	2005	rBV5	7717	13034	0.42%	0.035%
51	15.128	2059	2064	2065	rBV5	4295	6930	0.22%	0.018%
52	15.251	2082	2085	2087	rBV3	5544	6859	0.22%	0.018%
53	15.351	2096	2102	2103	rBV5	6167	10488	0.34%	0.028%
54	15.392	2103	2109	2116	rVB	1276739	1954352	62.60%	5.205%
55	15.451	2116	2119	2120	rBV3	5529	5410	0.17%	0.014%
56	15.522	2125	2131	2147	rVB	302185	463383	14.84%	1.234%
57	15.834	2179	2184	2186	rBV6	6286	10218	0.33%	0.027%
58	16.139	2234	2236	2243	rVB6	14443	17317	0.55%	0.046%
59	16.504	2286	2298	2301	rBV6	10649	36927	1.18%	0.098%
60	16.539	2302	2304	2305	rBV2	4657	3328	0.11%	0.009%
61	16.839	2353	2355	2356	rBV2	4643	3541	0.11%	0.009%
62	16.904	2364	2366	2368	rBV3	5251	5112	0.16%	0.014%
63	17.192	2409	2415	2420	rBV	1116463	1635832	52.40%	4.357%
64	17.239	2420	2423	2427	rVV2	53441	84923	2.72%	0.226%
65	17.298	2427	2433	2443	rVB	1395729	2047362	65.58%	5.453%
66	17.616	2479	2487	2491	rBV6	11812	30427	0.97%	0.081%
67	17.733	2502	2507	2519	rBV7	21978	59651	1.91%	0.159%
68	18.004	2546	2553	2560	rBV10	34032	96375	3.09%	0.257%
69	18.128	2569	2574	2585	rBV	219290	354717	11.36%	0.945%
70	19.333	2774	2779	2787	rVB	129210	217724	6.97%	0.580%
71	19.475	2796	2803	2809	rBV4	148227	281434	9.01%	0.750%
72	19.563	2816	2818	2821	rVB3	29722	22639	0.73%	0.060%
73	19.680	2832	2838	2850	rBV2	1744173	2797275	89.60%	7.450%
74	20.239	2931	2933	2935	rBV3	63584	75409	2.42%	0.201%
75	21.322	3112	3117	3124	rBV	485972	851349	27.27%	2.268%
76	21.651	3167	3173	3192	rVB2	1501949	3121895	100.00%	8.315%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062724\
Data File : BP020677.D
Acq On : 28 Jun 2024 02:42
Operator : MA/JU
Sample : P2909-22
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4B46

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-BP062524.MA.M
Title : SVOA CALIBRATION

77	22.563	3323	3328	3336	rVB3	273293	636647	20.39%	1.696%
78	24.180	3598	3603	3609	rBV	298574	587877	18.83%	1.566%
79	24.804	3701	3709	3718	rVB	1161982	3026815	96.95%	8.062%
80	25.033	3741	3748	3759	rVB	899509	2405564	77.05%	6.407%
81	25.757	3866	3871	3892	rVB3	395326	1585400	50.78%	4.223%

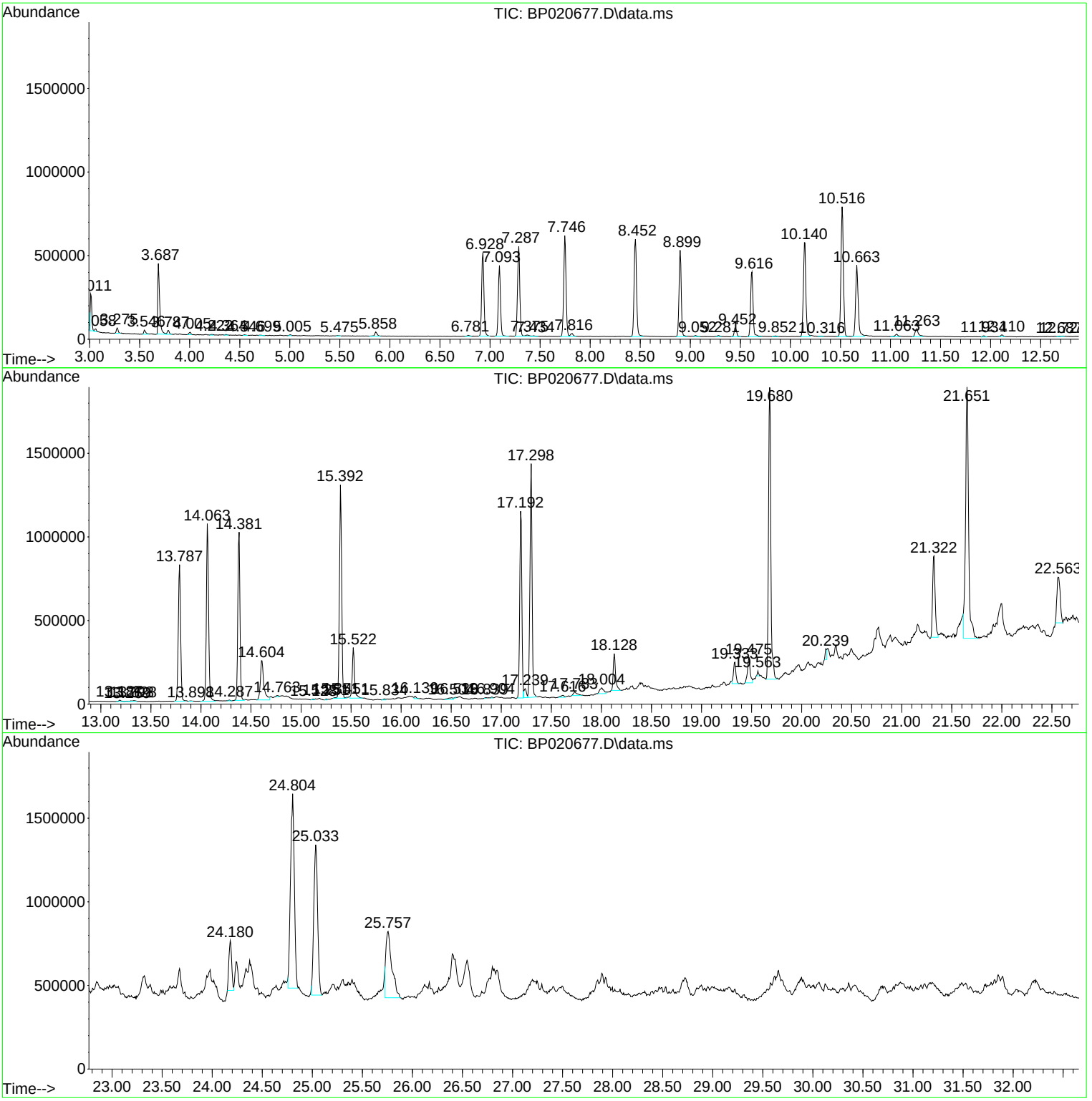
Sum of corrected areas: 37545440

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062724\
Data File : BP020677.D
Acq On : 28 Jun 2024 02:42
Operator : MA/JU
Sample : P2909-22
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4B46

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.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\BP062724\
Data File : BP020677.D
Acq On : 28 Jun 2024 02:42
Operator : MA/JU
Sample : P2909-22
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4B46

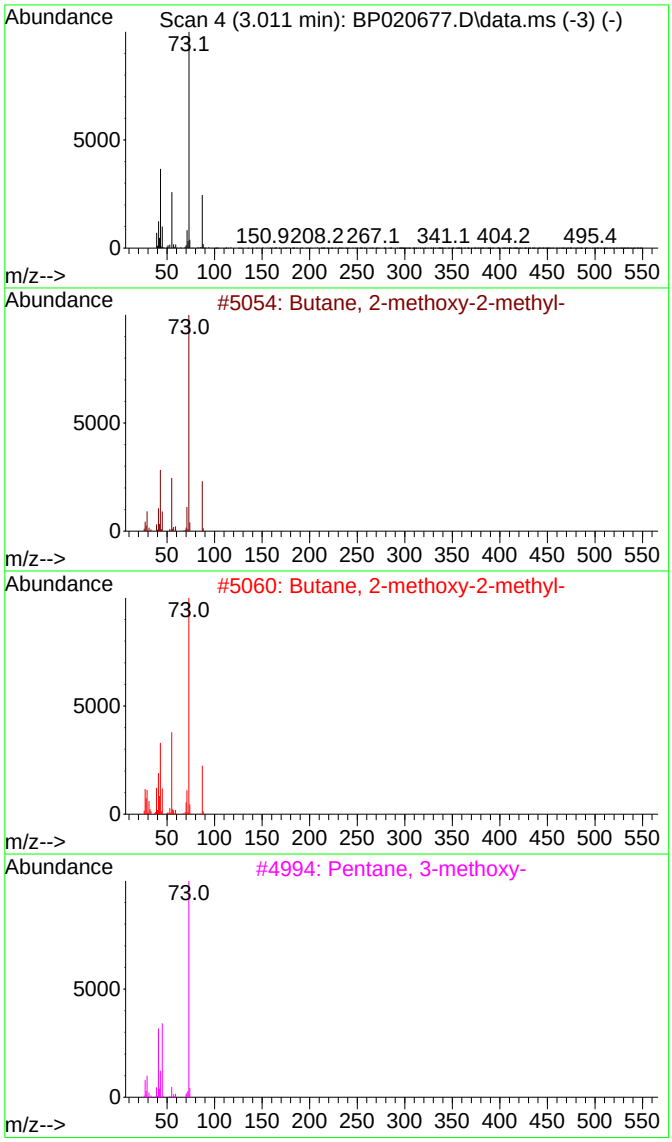
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION

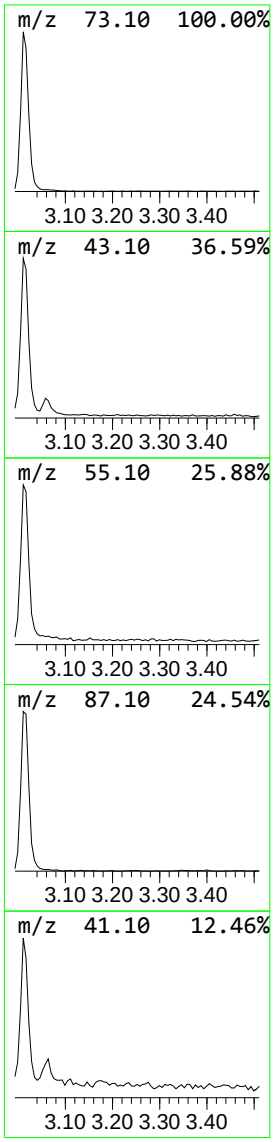
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.011	3.99 ng/ul	196647	1,4-Dichlorobenzene-d4	7.746

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	32
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	14
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062724\
Data File : BP020677.D
Acq On : 28 Jun 2024 02:42
Operator : MA/JU
Sample : P2909-22
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4B46

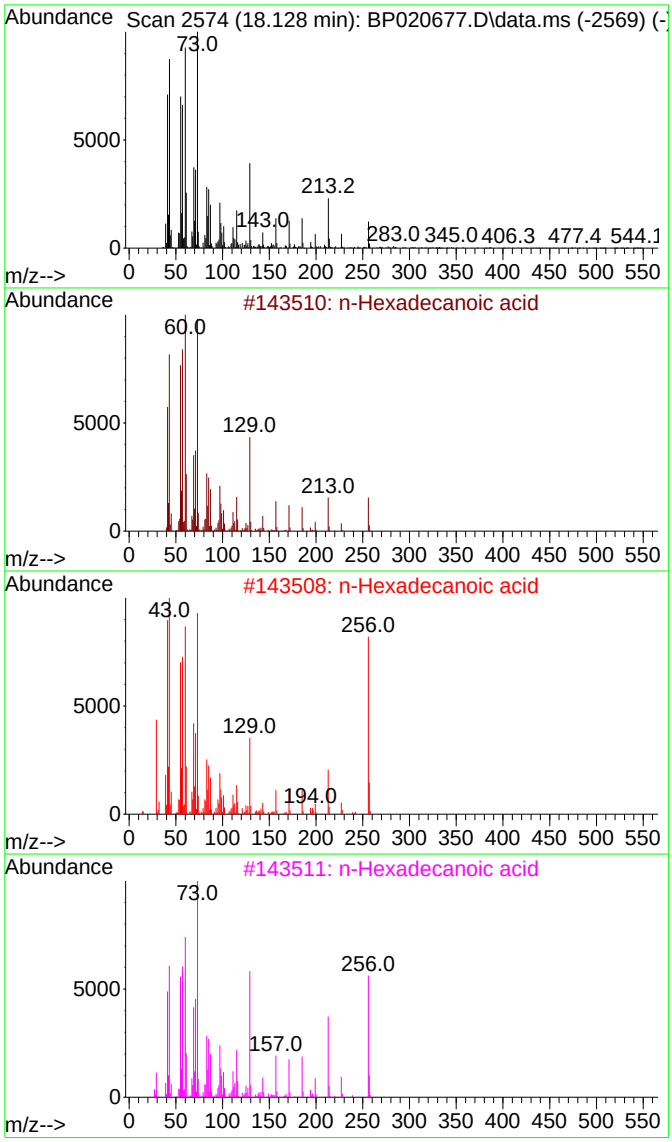
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION

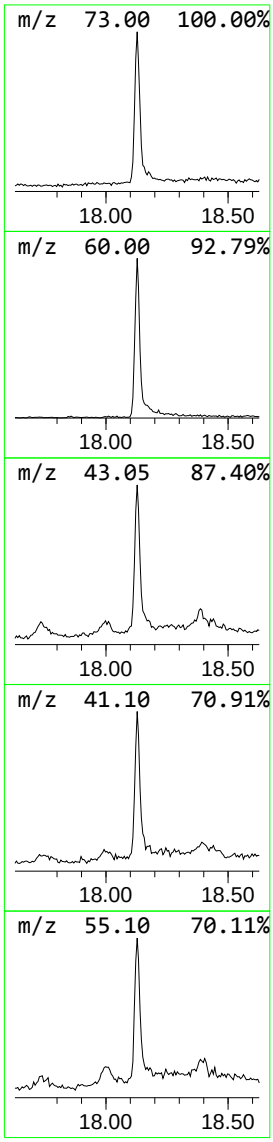
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.128	4.34 ng/ul	354717	Phenanthrene-d10	17.192

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
5	Tridecanoic acid	214	C13H26O2	000638-53-9	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062724\
Data File : BP020677.D
Acq On : 28 Jun 2024 02:42
Operator : MA/JU
Sample : P2909-22
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4B46

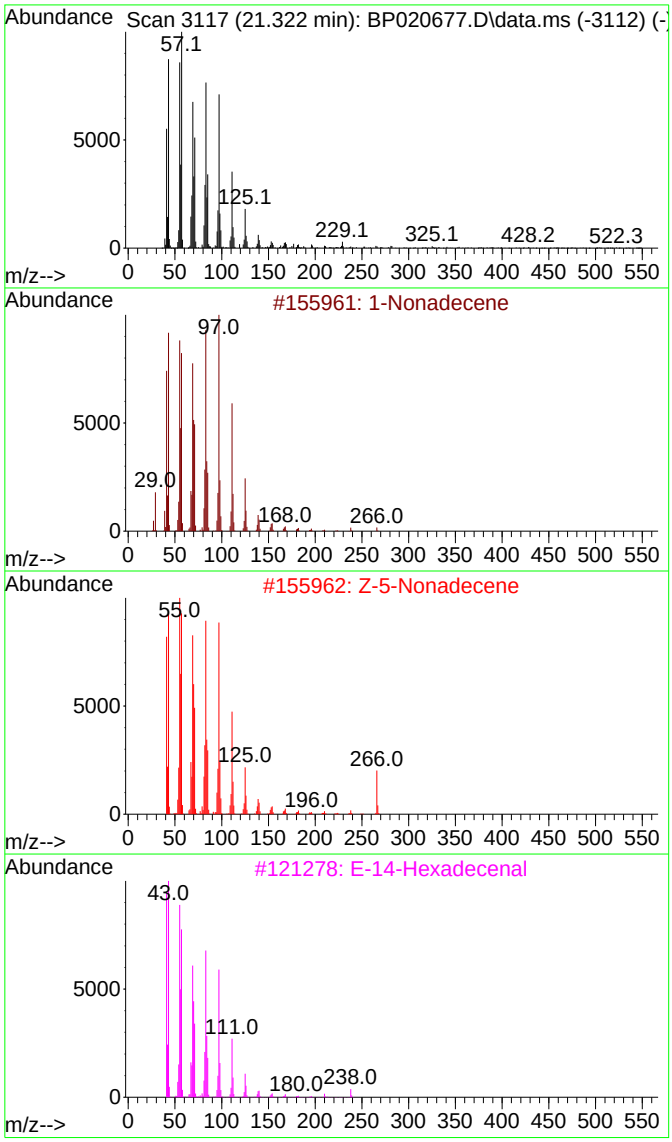
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION

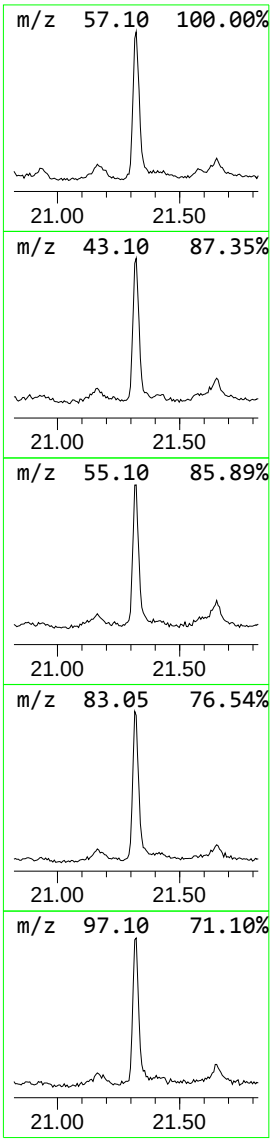
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.322	5.45 ng/ul	851349	Chrysene-d12	21.651

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	97
2	Z-5-Nonadecene	266	C19H38	1000131-11-8	95
3	E-14-Hexadecenal	238	C16H30O	330207-53-9	95
4	1-Nonadecene	266	C19H38	018435-45-5	94
5	2- Chloropropionic acid, hexadec...	332	C19H37ClO2	086711-81-1	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062724\
Data File : BP020677.D
Acq On : 28 Jun 2024 02:42
Operator : MA/JU
Sample : P2909-22
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4B46

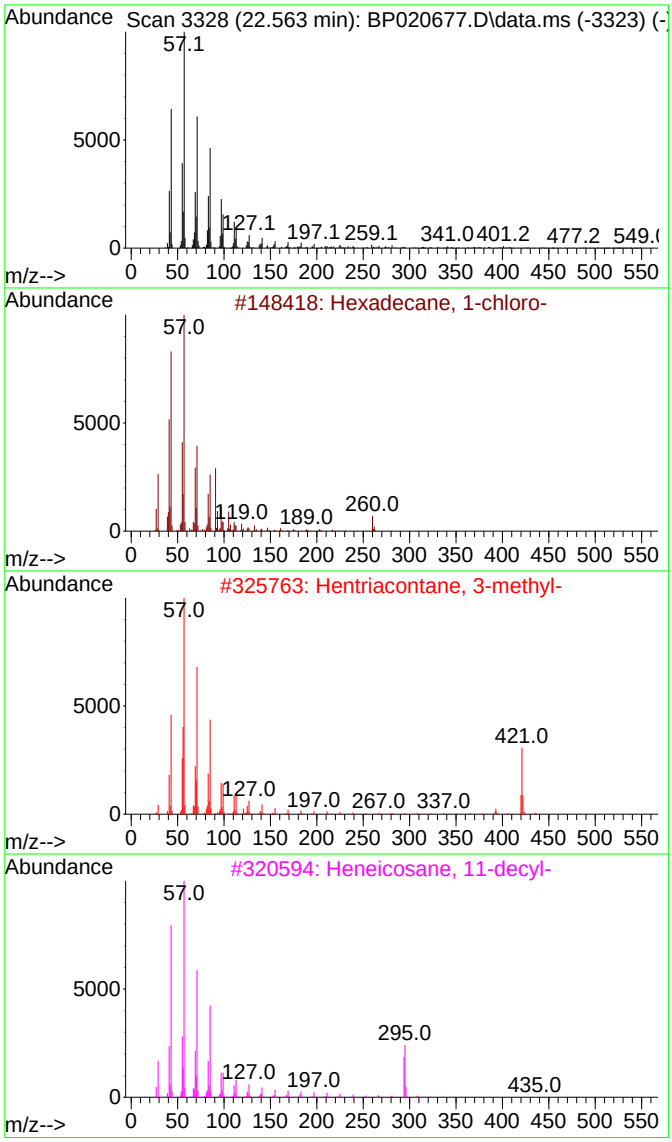
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION

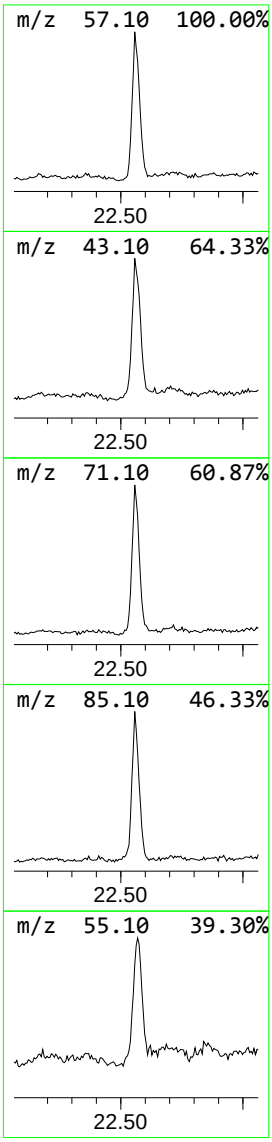
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Hexadecane, 1-chloro- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.563	4.08 ng/ul	636647	Chrysene-d12	21.651

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 1-chloro-	260	C16H33Cl	004860-03-1	93
2	Hentriacontane, 3-methyl-	451	C32H66	004981-99-1	91
3	Heneicosane, 11-decyl-	437	C31H64	055320-06-4	90
4	Tritetracontane	605	C43H88	007098-21-7	87
5	Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062724\
Data File : BP020677.D
Acq On : 28 Jun 2024 02:42
Operator : MA/JU
Sample : P2909-22
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4B46

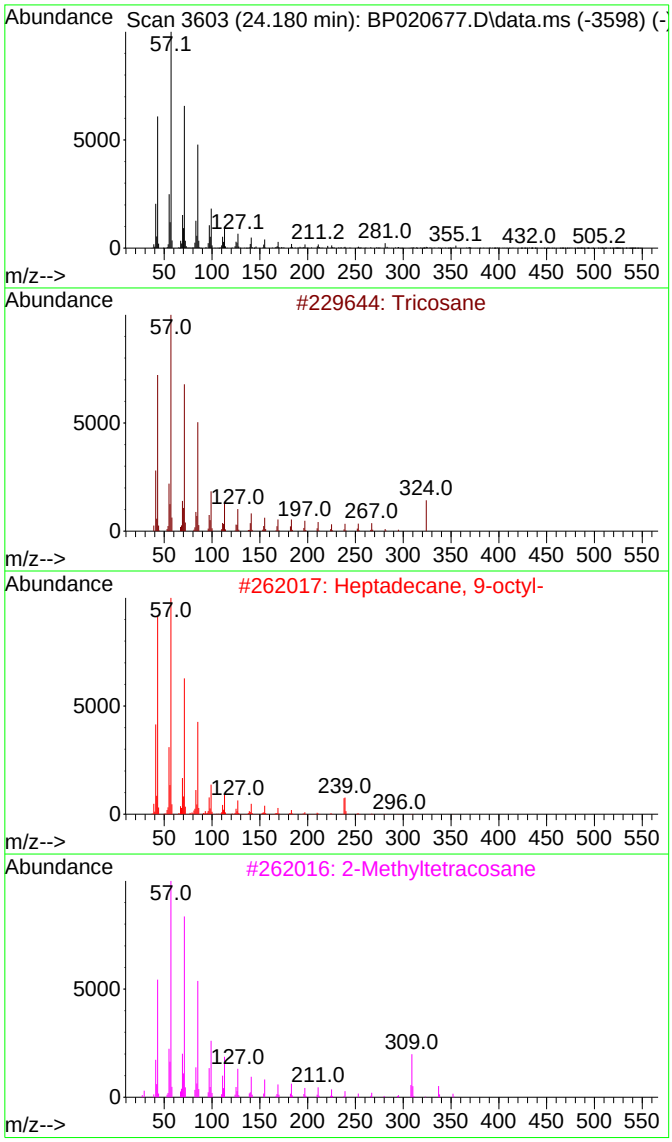
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION

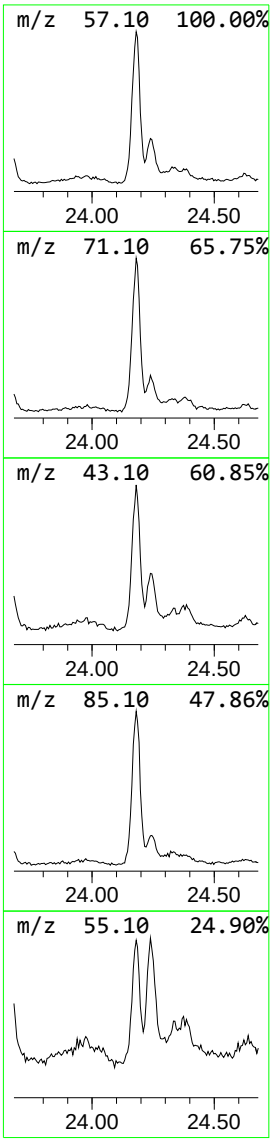
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.180	4.89 ng/ul	587877	Perylene-d12	25.033

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricosane	324	C23H48	000638-67-5	95
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	93
3	2-Methyltetracosane	352	C25H52	001560-78-7	93
4	Octacosane, 2-methyl-	408	C29H60	001560-98-1	91
5	Dotriacontane, 1-iodo-	576	C32H65I	1000406-32-4	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062724\
Data File : BP020677.D
Acq On : 28 Jun 2024 02:42
Operator : MA/JU
Sample : P2909-22
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4B46

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION

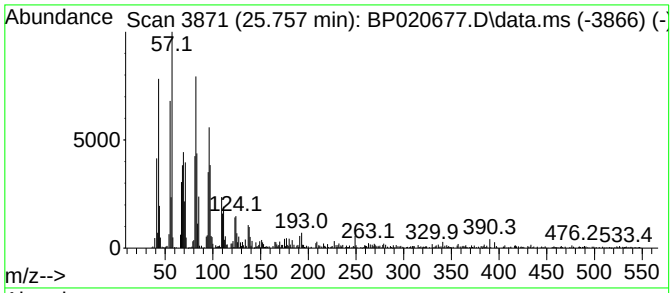
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

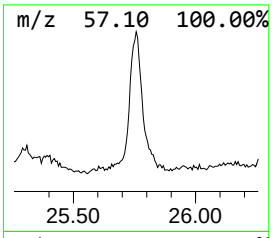
****

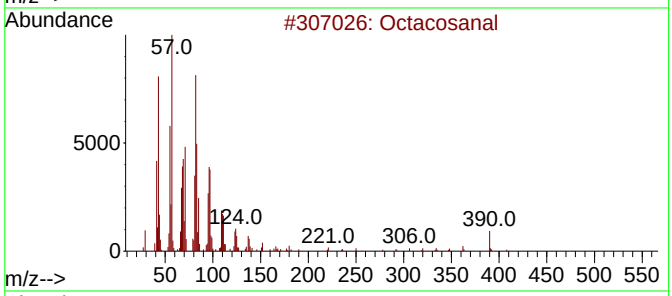
Peak Number 6 Octacosanal Concentration Rank 1

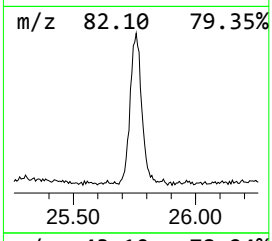
R.T.	EstConc	Area	Relative to ISTD	R.T.
25.757	13.18 ng/ul	1585400	Perylene-d12	25.033

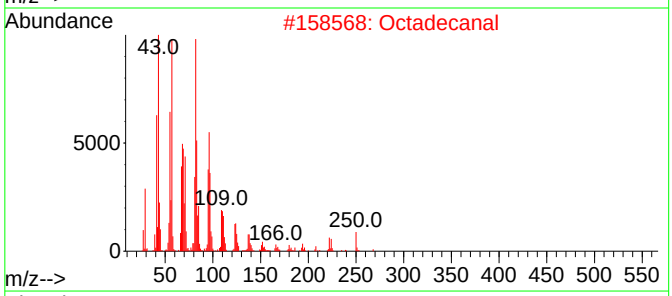
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosanal	408	C28H56O	022725-64-0	97
2	Octadecanal	268	C18H36O	000638-66-4	95
3	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	95
4	1-Hexacosene	364	C26H52	018835-33-1	94
5	Nonacos-1-ene	406	C29H58	018835-35-3	94

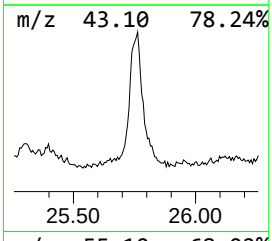


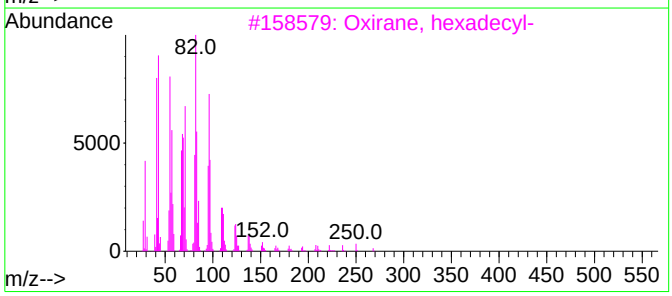


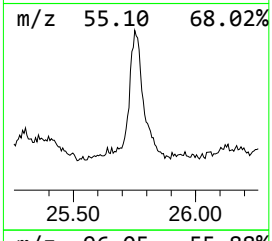


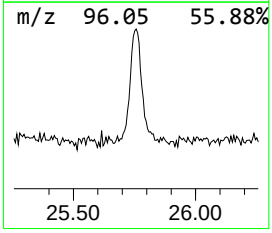












Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062724\
Data File : BP020677.D
Acq On : 28 Jun 2024 02:42
Operator : MA/JU
Sample : P2909-22
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4B46

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.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-metho...	3.011	4.0	ng/ul	196647	1	7.746	986432	20.0
n-Hexadecanoic ...	18.128	4.3	ng/ul	354717	4	17.192	1635830	20.0
(DEL) Alkane: S...	21.322	5.5	ng/ul	851349	5	21.651	3121900	20.0
Hexadecane, 1-c...	22.563	4.1	ng/ul	636647	5	21.651	3121900	20.0
(DEL) Alkane: S...	24.180	4.9	ng/ul	587877	6	25.033	2405560	20.0
Octacosanal	25.757	13.2	ng/ul	1585400	6	25.033	2405560	20.0