LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082924\
Data File : BP021741.D
Acq On : 30 Aug 2024 05:02
Operator : RC/JU
Sample : P3711-16
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : E24A7

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-BP082324.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP021741.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.017	3	5	27	rVB	10656766	12806299	38.86%	8.290%
2	3.275	45	49	57	rVB	82734	107263	0.33%	0.069%
3	4.017	171	175	182	rVB	30859	44314	0.13%	0.029%
4	4.811	306	310	319	rBV4	17125	34024	0.10%	0.022%
5	5.852	481	487	492	rBV	85692	135899	0.41%	0.088%
6	6.064	515	523	528	rVB2	33993	56688	0.17%	0.037%
7	6.811	643	650	655	rBV	77714	124137	0.38%	0.080%
8	6.964	667	676	687	rVB	691255	1163858	3.53%	0.753%
9	7.122	692	703	714	rBV	1325484	2086074	6.33%	1.350%
10	7.328	729	738	748	rBV	1487285	2473983	7.51%	1.601%
11	7.787	809	816	822	rBV	1252802	1962195	5.95%	1.270%
12	7.858	822	828	840	rVB	390141	701093	2.13%	0.454%
13	8.369	909	915	926	rBV8	15511	40685	0.12%	0.026%
14	8.493	926	936	946	rBV	1736870	2769352	8.40%	1.793%
15	8.605	949	955	962	rVB	116986	198927	0.60%	0.129%
16	8.875	995	1001	1005	rBV2	48530	87830	0.27%	0.057%
17	8.934	1005	1011	1024	rVB	1458535	2488599	7.55%	1.611%
18	9.657	1126	1134	1149	rBV	1213595	2079251	6.31%	1.346%
19	9.822	1157	1162	1171	rVV	32008	70175	0.21%	0.045%
20	9.905	1171	1176	1186	rVB8	16663	43474	0.13%	0.028%
21	10.205	1217	1227	1249	rBV	1678581	3339220	10.13%	2.161%
22	10.357	1249	1253	1260	rVB5	25012	52014	0.16%	0.034%
23	10.487	1267	1275	1283	rVB2	75009	146379	0.44%	0.095%
24	10.575	1283	1290	1298	rVV	1612435	2873454	8.72%	1.860%
25	10.634	1298	1300	1307	rVV3	37647	59991	0.18%	0.039%
26	10.710	1307	1313	1326	rVB	119214	237094	0.72%	0.153%
27	11.222	1395	1400	1411	rVB2	30784	61315	0.19%	0.040%
28	11.381	1420	1427	1434	rVB2	30287	55614	0.17%	0.036%
29	12.169	1555	1561	1572	rBV2	31298	73902	0.22%	0.048%
30	12.787	1661	1666	1672	rBV2	19212	33145	0.10%	0.021%
31	13.034	1704	1708	1714	rVB2	28871	38579	0.12%	0.025%
32	13.275	1743	1749	1754	rVV	160565	229236	0.70%	0.148%
33	13.340	1754	1760	1766	rVV2	50595	100417	0.30%	0.065%
34	13.840	1838	1845	1851	rBV	3717734	5098872	15.47%	3.301%
35	14.122	1882	1893	1903	rBV	3428755	5642306	17.12%	3.652%
36	14.434	1937	1946	1957	rBV	2618435	4249239	12.90%	2.751%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082924\
Data File : BP021741.D
Acq On : 30 Aug 2024 05:02
Operator : RC/JU
Sample : P3711-16
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E24A7

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-BP082324.MA.M
Title : SVOA CALIBRATION

37	14.640	1974	1981	1998	rBV	624758	1309269	3.97%	0.847%
38	14.863	2013	2019	2026	rBV3	62455	119007	0.36%	0.077%
39	15.128	2058	2064	2070	rBV	42755	78209	0.24%	0.051%
40	15.257	2081	2086	2092	rVB2	72358	129837	0.39%	0.084%
41	15.440	2110	2117	2127	rBV	5112873	7806360	23.69%	5.053%
42	15.557	2131	2137	2147	rBV	1692681	2389365	7.25%	1.547%
43	15.681	2155	2158	2164	rVB3	27241	40722	0.12%	0.026%
44	15.810	2176	2180	2189	rVB	77295	122147	0.37%	0.079%
45	16.734	2333	2337	2345	rVB10	38816	81329	0.25%	0.053%
46	17.234	2415	2422	2433	rVV	3343618	5561648	16.88%	3.600%
47	17.334	2433	2439	2450	rVB	6561833	9255244	28.09%	5.991%
48	17.539	2471	2474	2479	rVB	53283	68580	0.21%	0.044%
49	17.934	2536	2541	2549	rVB	983274	1226792	3.72%	0.794%
50	18.175	2577	2582	2589	rBV	481155	816382	2.48%	0.528%
51	18.239	2591	2593	2596	rVV	94452	131642	0.40%	0.085%
52	18.298	2599	2603	2615	rVB	135004	298356	0.91%	0.193%
53	18.857	2696	2698	2700	rBV2	51975	46886	0.14%	0.030%
54	19.222	2757	2760	2762	rBV3	136885	157832	0.48%	0.102%
55	19.498	2803	2807	2817	rBV	358411	666569	2.02%	0.431%
56	19.698	2835	2841	2847	rBV	7256498	11440508	34.72%	7.405%
57	19.869	2868	2870	2872	rBV2	128468	100003	0.30%	0.065%
58	20.104	2907	2910	2916	rVB5	172106	243402	0.74%	0.158%
59	21.680	3172	3178	3185	rVB2	3162830	5484385	16.64%	3.550%
60	22.551	3319	3326	3346	rVB2	1445461	5479067	16.63%	3.547%
61	23.074	3394	3415	3439	rVB	6744746	32951859	100.00%	21.330%
62	24.857	3709	3718	3732	rVB	4068251	10719233	32.53%	6.939%
63	25.098	3750	3759	3769	rVB	2036376	5997438	18.20%	3.882%

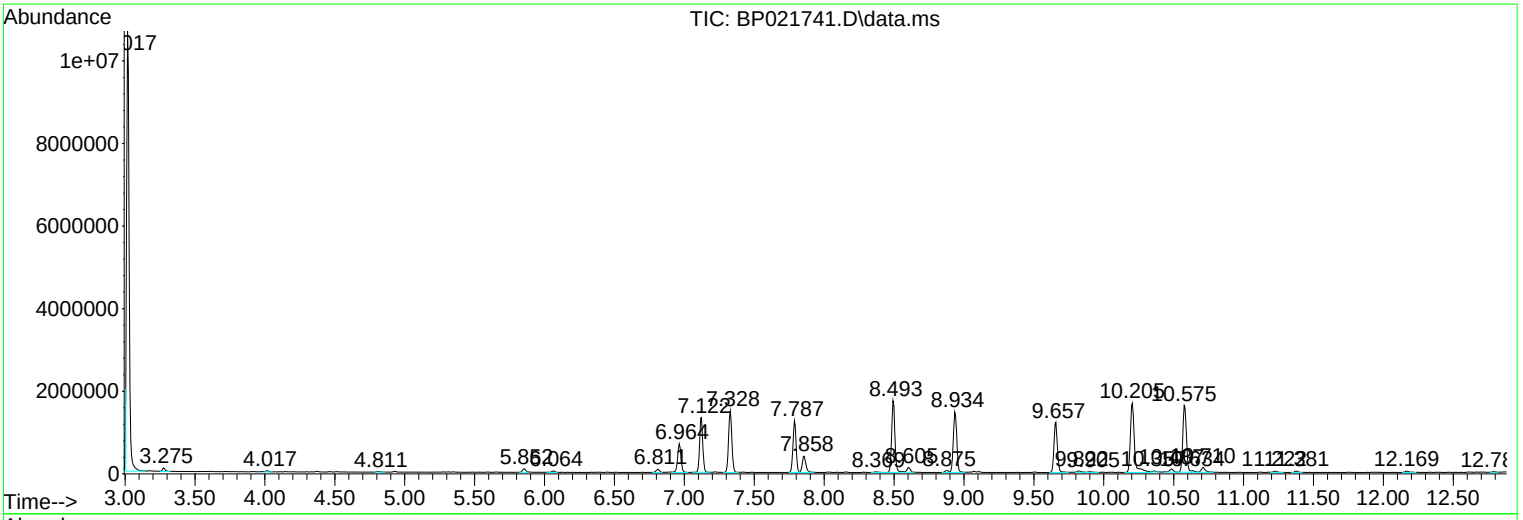
Sum of corrected areas: 154486968

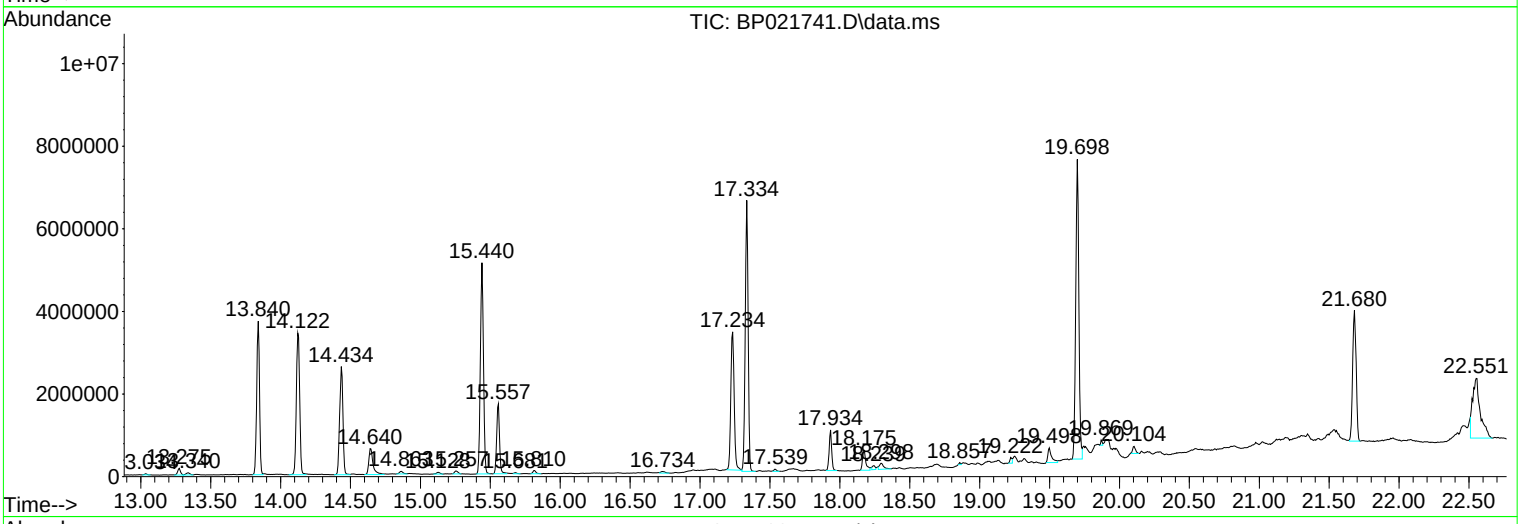
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082924\
Data File : BP021741.D
Acq On : 30 Aug 2024 05:02
Operator : RC/JU
Sample : P3711-16
Misc :
ALS Vial : 29 Sample Multiplier: 1

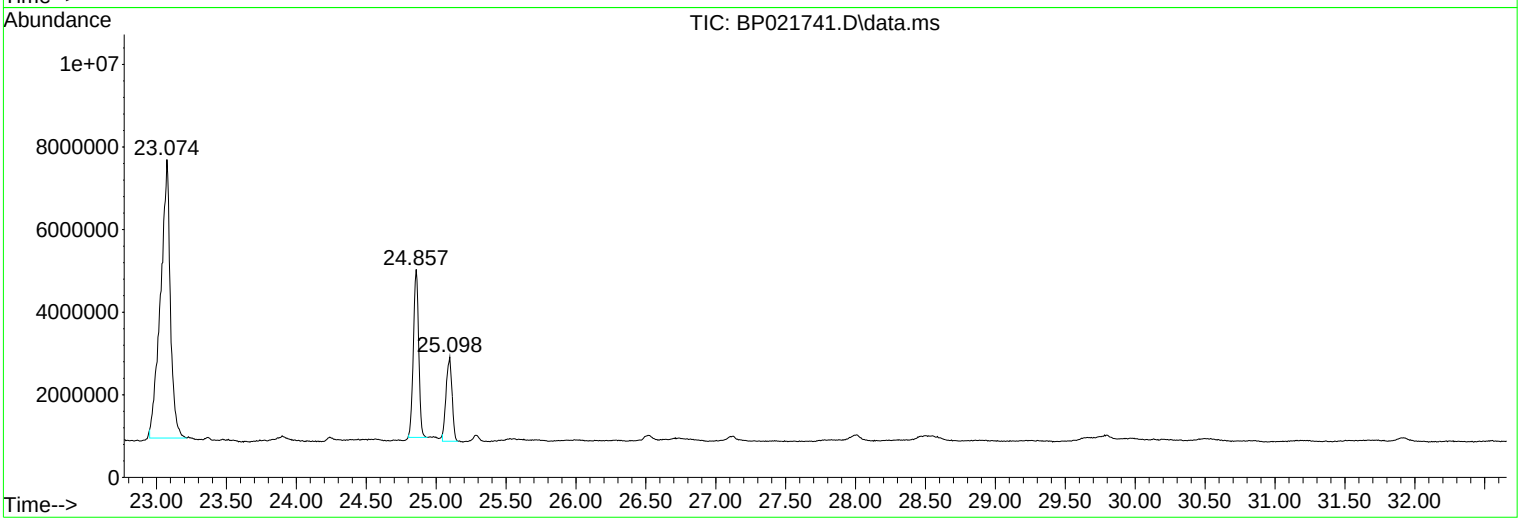
Instrument :
BNA_P
ClientSampleId :
E24A7

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082324.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\BP082924\
Data File : BP021741.D
Acq On : 30 Aug 2024 05:02
Operator : RC/JU
Sample : P3711-16
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E24A7

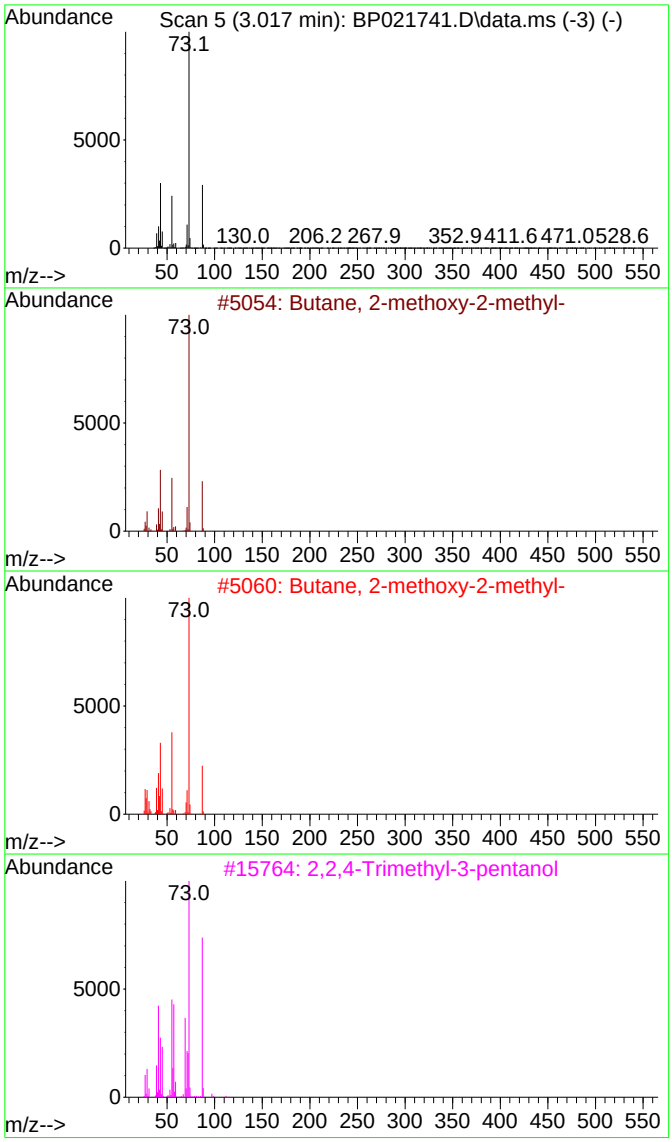
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082324.MA.M
Quant Title : SVOA CALIBRATION

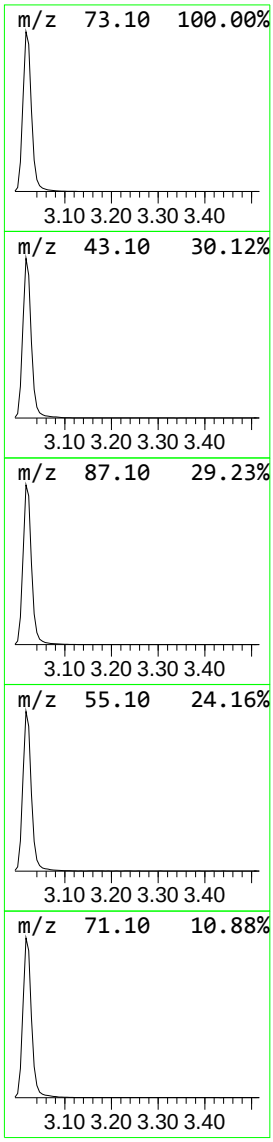
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.017	130.53 ng/ul	12806300	1,4-Dichlorobenzene-d4	7.787

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	74
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5	Borane, dimethoxy-	74	C2H7BO2	004542-61-4	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082924\
Data File : BP021741.D
Acq On : 30 Aug 2024 05:02
Operator : RC/JU
Sample : P3711-16
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E24A7

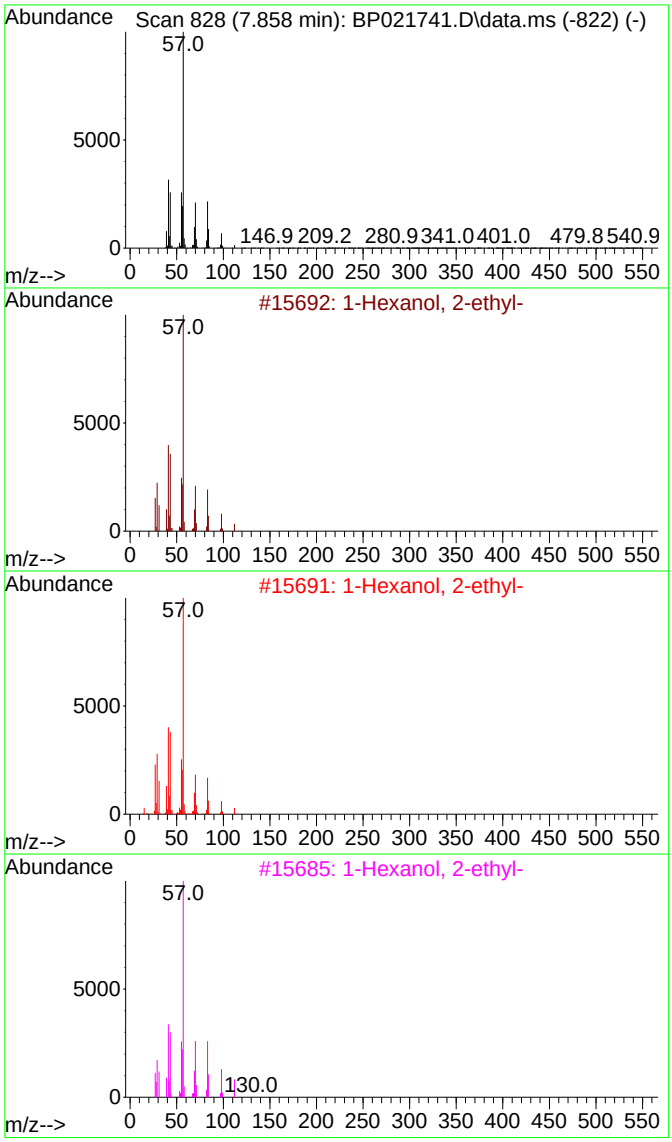
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082324.MA.M
Quant Title : SVOA CALIBRATION

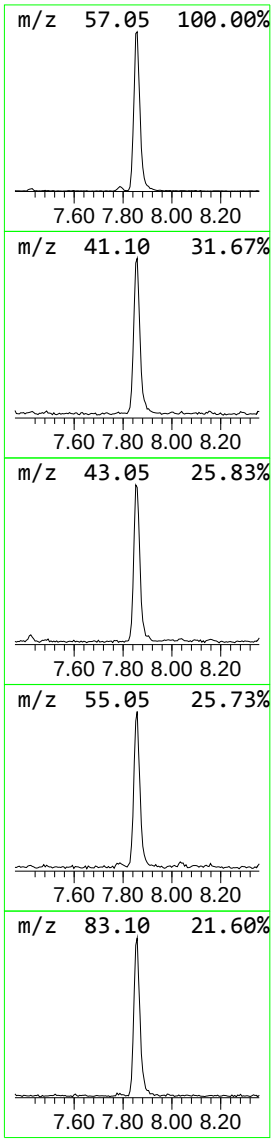
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 1-Hexanol, 2-ethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.858	7.15 ng/ul	701093	1,4-Dichlorobenzene-d4	7.787

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	90
2	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	83
3	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	74
4	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	72
5	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082924\
Data File : BP021741.D
Acq On : 30 Aug 2024 05:02
Operator : RC/JU
Sample : P3711-16
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E24A7

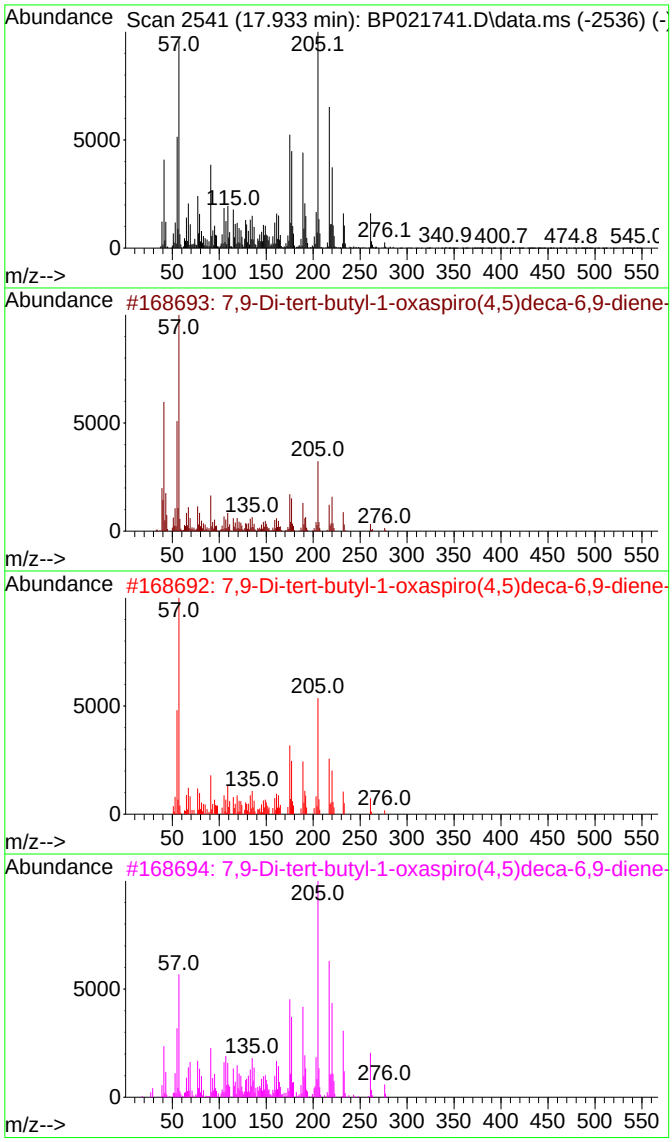
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082324.MA.M
Quant Title : SVOA CALIBRATION

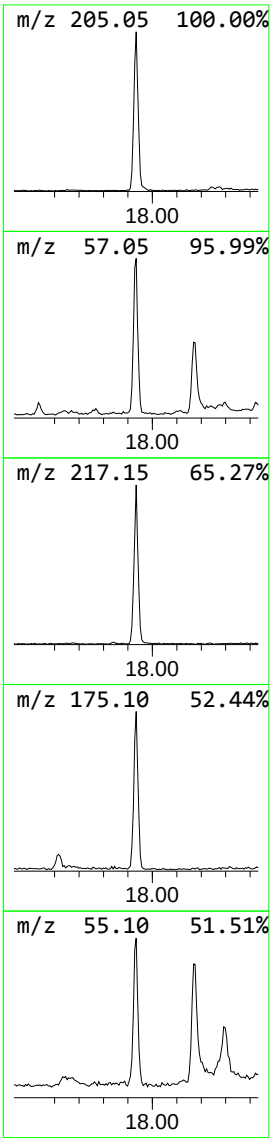
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 7,9-Di-tert-butyl-1-oxaspir... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.933	4.41 ng/ul	1226790	Phenanthrene-d10	17.233

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	98
2	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	95
3	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	87
4	Ethanone, 1-(5,6,7,8-tetrahydro-...	220	C14H20O2	071596-88-8	50
5	(Z)-((2-Benzylideneheptyl)oxy)tr...	276	C17H28OSi	1000495-65-9	48





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082924\
Data File : BP021741.D
Acq On : 30 Aug 2024 05:02
Operator : RC/JU
Sample : P3711-16
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E24A7

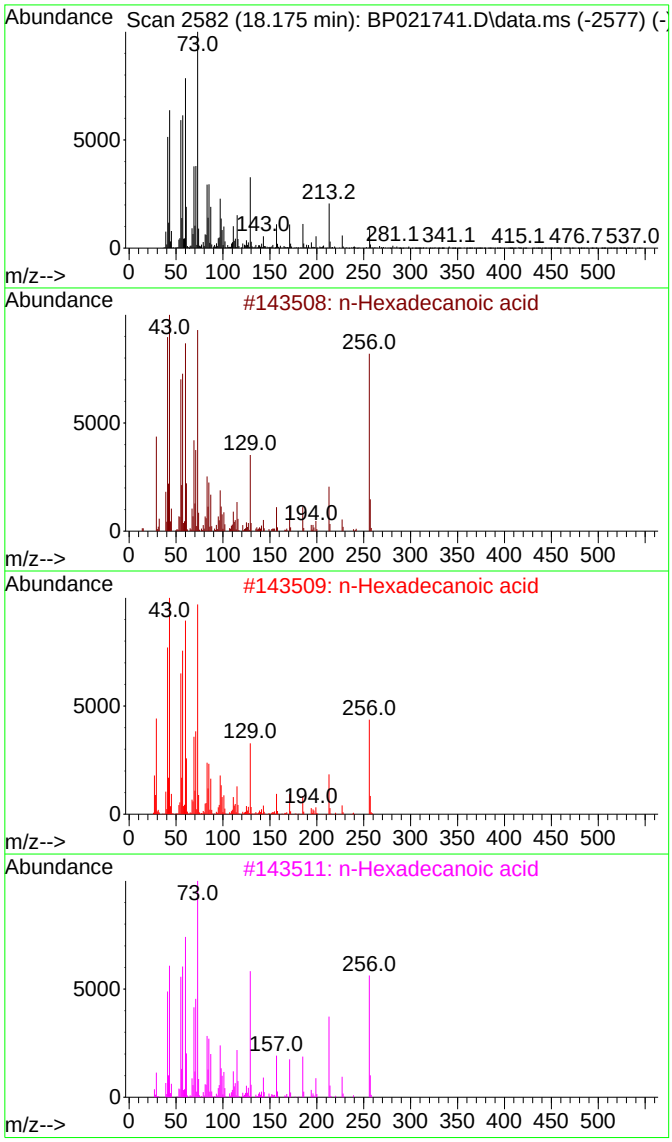
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082324.MA.M
Quant Title : SVOA CALIBRATION

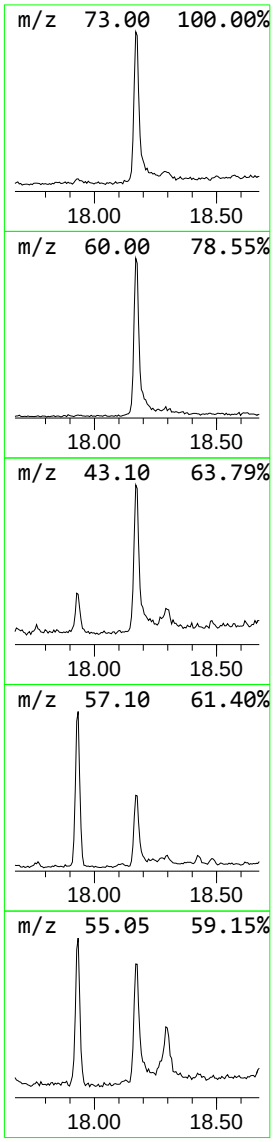
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.175	2.94 ng/ul	816382	Phenanthrene-d10	17.233

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	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082924\
Data File : BP021741.D
Acq On : 30 Aug 2024 05:02
Operator : RC/JU
Sample : P3711-16
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E24A7

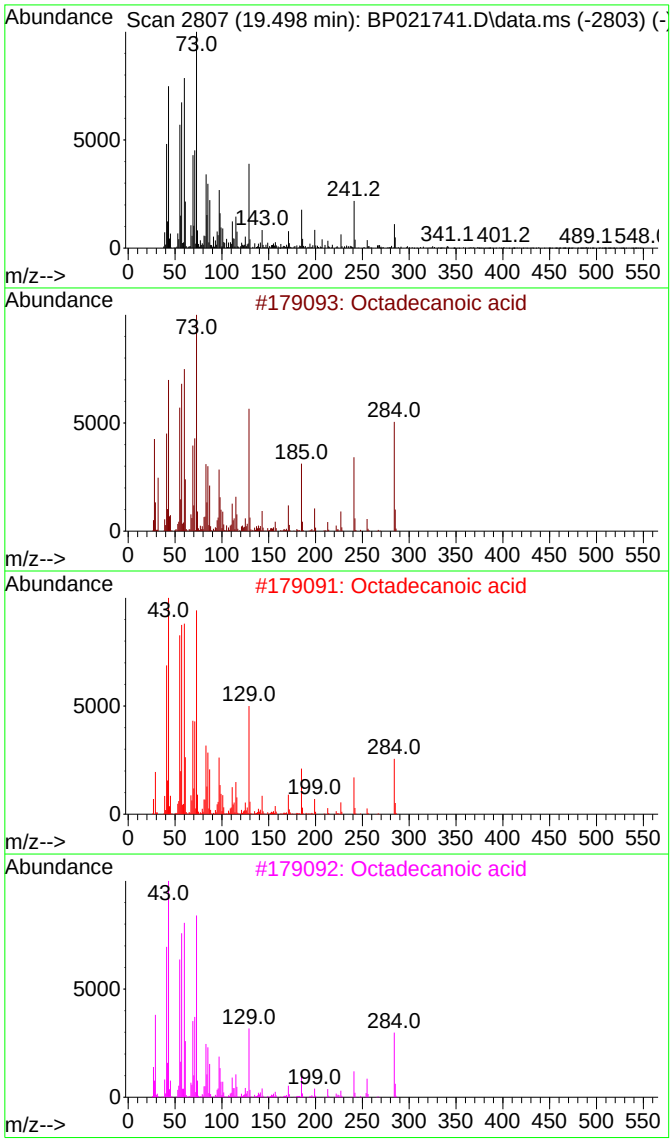
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082324.MA.M
Quant Title : SVOA CALIBRATION

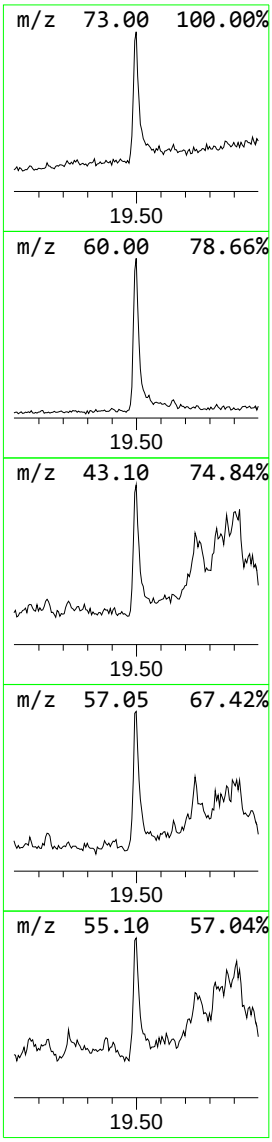
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Octadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.498	2.43 ng/ul	666569	Chrysene-d12	21.680

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Octadecanoic acid	284	C18H36O2	000057-11-4	96
3	Octadecanoic acid	284	C18H36O2	000057-11-4	95
4	Octadecanoic acid	284	C18H36O2	000057-11-4	95
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082924\
Data File : BP021741.D
Acq On : 30 Aug 2024 05:02
Operator : RC/JU
Sample : P3711-16
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E24A7

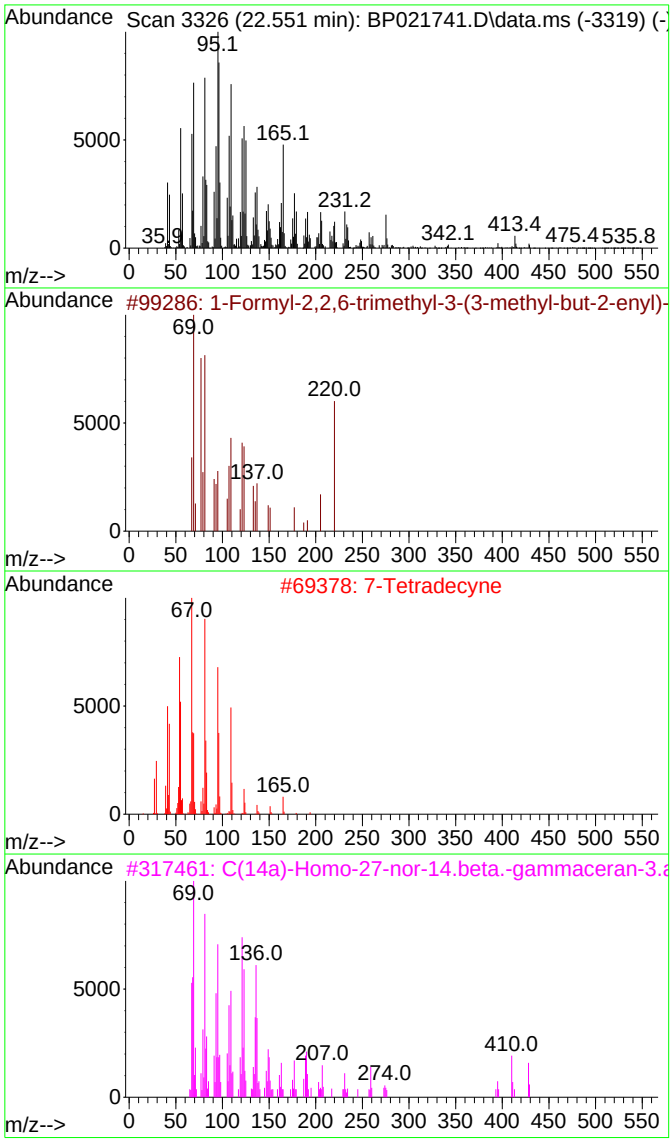
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082324.MA.M
Quant Title : SVOA CALIBRATION

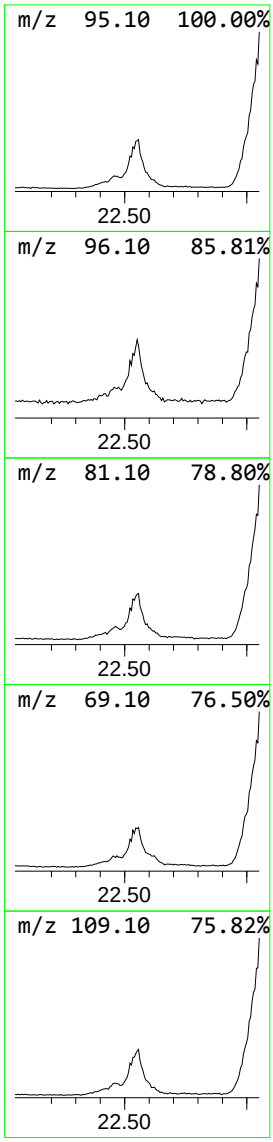
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 1-Formyl-2,2,6-trimethyl-3-... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.551	19.98 ng/ul	5479070	Chrysene-d12	21.680

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Formyl-2,2,6-trimethyl-3-(3-me...	220	C15H24O	108287-18-9	78
2	7-Tetradecyne	194	C14H26	035216-11-6	49
3	C(14a)-Homo-27-nor-14.beta.-gamm...	428	C30H52O	024739-08-0	43
4	Imidazole, 4-methyl-5-[3,3,3-tri...	234	C10H13F3N2O	1000129-15-8	38
5	1-Formyl-2,2-dimethyl-3-trans-(3...	220	C15H24O	1000144-09-7	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082924\
Data File : BP021741.D
Acq On : 30 Aug 2024 05:02
Operator : RC/JU
Sample : P3711-16
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E24A7

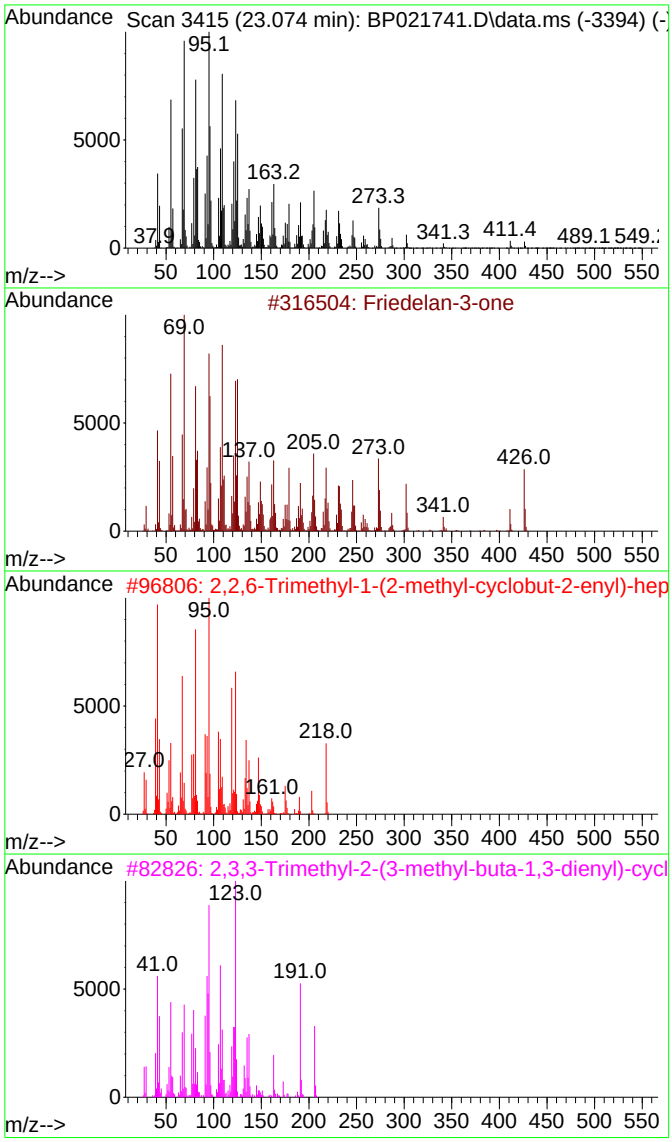
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082324.MA.M
Quant Title : SVOA CALIBRATION

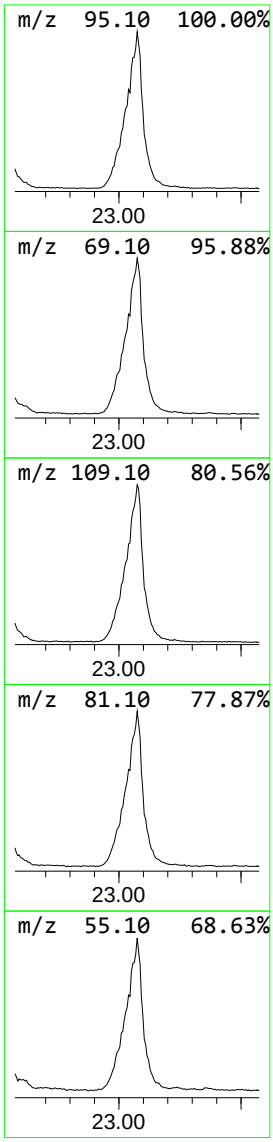
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 2,3,3-Trimethyl-2-(3-methyl... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.074	120.17 ng/ul	32951900	Chrysene-d12	21.680

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Friedelan-3-one	426	C30H50O	000559-74-0	95
2	2,2,6-Trimethyl-1-(2-methyl-cycl...	218	C15H22O	1000188-72-8	64
3	2,3,3-Trimethyl-2-(3-methyl-buta...	206	C14H22O	1000193-60-6	55
4	5-Bromo-4-oxo-4,5,6,7-tetrahydro...	216	C6H5BrN2O2	300574-36-1	53
5	Cyclohexanone, 2,3,3-trimethyl-2...	206	C14H22O	069296-90-8	52





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082924\
Data File : BP021741.D
Acq On : 30 Aug 2024 05:02
Operator : RC/JU
Sample : P3711-16
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E24A7

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082324.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...	3.017	130.5	ng/ul	12806300	1	7.787	1962200	20.0
1-Hexanol, 2-et...	7.858	7.2	ng/ul	701093	1	7.787	1962200	20.0
7,9-Di-tert-but...	17.933	4.4	ng/ul	1226790	4	17.233	5561650	20.0
n-Hexadecanoic ...	18.175	2.9	ng/ul	816382	4	17.233	5561650	20.0
Octadecanoic acid	19.498	2.4	ng/ul	666569	5	21.680	5484390	20.0
1-Formyl-2,2,6-...	22.551	20.0	ng/ul	5479070	5	21.680	5484390	20.0
2,3,3-Trimethyl...	23.074	120.2	ng/ul	32951900	5	21.680	5484390	20.0