LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051622\
Data File : BP010366.D
Acq On : 16 May 2022 20:20
Operator : CG/JU
Sample : N2746-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DBSL1

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-BP051322.M
Title : SVOA CALIBRATION

Signal : TIC: BP010366.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.346	40	44	52	rBV2	16703	26716	0.96%	0.090%
2	3.764	112	115	141	rBV	213582	460390	16.52%	1.547%
3	4.081	165	169	173	rBV5	7958	12476	0.45%	0.042%
4	4.328	209	211	214	rBV4	2694	3152	0.11%	0.011%
5	5.016	322	328	334	rVB4	7631	18039	0.65%	0.061%
6	5.516	409	413	416	rVB5	2664	3536	0.13%	0.012%
7	7.063	668	676	690	rBV	362733	633248	22.72%	2.127%
8	7.228	697	704	713	rBV	285040	473304	16.98%	1.590%
9	7.305	715	717	723	rVB	5830	9001	0.32%	0.030%
10	7.428	731	738	750	rBV	361922	615283	22.07%	2.067%
11	7.899	808	818	827	rBV	338152	564199	20.24%	1.895%
12	7.963	827	829	837	rVB5	5941	10724	0.38%	0.036%
13	8.605	929	938	954	rBV	474375	829096	29.74%	2.785%
14	9.057	1007	1015	1031	rBV	397488	679949	24.39%	2.284%
15	9.228	1041	1044	1048	rVB6	5385	7202	0.26%	0.024%
16	9.504	1086	1091	1097	rBV3	7699	12956	0.46%	0.044%
17	9.781	1130	1138	1150	rBV	312832	545616	19.57%	1.833%
18	10.210	1204	1211	1215	rBV6	4013	8469	0.30%	0.028%
19	10.322	1223	1230	1245	rBV	447927	817328	29.32%	2.746%
20	10.699	1286	1294	1304	rBV	492712	849963	30.49%	2.855%
21	10.834	1309	1317	1331	rBV	439965	864392	31.01%	2.904%
22	11.987	1510	1513	1519	rVB8	2280	4312	0.15%	0.014%
23	12.134	1531	1538	1543	rBV7	5630	10448	0.37%	0.035%
24	12.210	1547	1551	1556	rBV8	2347	4245	0.15%	0.014%
25	12.293	1561	1565	1571	rBV5	6236	12223	0.44%	0.041%
26	12.757	1642	1644	1649	rVB5	2350	3482	0.12%	0.012%
27	13.151	1707	1711	1713	rVB5	2743	3422	0.12%	0.011%
28	13.363	1743	1747	1752	rVB4	8313	11842	0.42%	0.040%
29	13.434	1756	1759	1764	rVB7	3424	4725	0.17%	0.016%
30	13.940	1838	1845	1858	rBV	952896	1359885	48.78%	4.569%
31	14.222	1885	1893	1906	rBV	1026159	1517988	54.46%	5.100%
32	14.528	1939	1945	1959	rBV	804295	1215160	43.59%	4.082%
33	14.728	1970	1979	1999	rBV	233006	547238	19.63%	1.838%
34	14.957	2013	2018	2021	rBV6	7263	12070	0.43%	0.041%
35	15.198	2057	2059	2064	rVB6	4448	4783	0.17%	0.016%
36	15.281	2067	2073	2079	rBV2	39828	59231	2.12%	0.199%

LSC Area Percent Report

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Sample : N2746-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBSL1

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-BP051322.M
Title : SVOA CALIBRATION

37	15.339	2079	2083	2088	rVB7	3746	6569	0.24%	0.022%
38	15.522	2107	2114	2126	rVV	1316343	1975897	70.88%	6.638%
39	15.645	2129	2135	2150	rVV	221480	359986	12.91%	1.209%
40	15.763	2150	2155	2163	rVB4	16318	30966	1.11%	0.104%
41	16.310	2243	2248	2254	rBV9	7213	9369	0.34%	0.031%
42	16.686	2310	2312	2316	rVB5	2614	3055	0.11%	0.010%
43	17.281	2406	2413	2424	rBV	1038593	1551913	55.67%	5.214%
44	17.381	2424	2430	2444	rVV	1540460	2245098	80.54%	7.542%
45	17.481	2444	2447	2455	rVB9	12871	24087	0.86%	0.081%
46	17.675	2477	2480	2485	rVB6	7648	10750	0.39%	0.036%
47	17.957	2523	2528	2533	rVB	52038	65539	2.35%	0.220%
48	18.045	2541	2543	2546	rBV4	2783	2982	0.11%	0.010%
49	18.169	2559	2564	2572	rBV	106360	164340	5.90%	0.552%
50	19.086	2716	2720	2724	rVB	100474	117412	4.21%	0.394%
51	19.192	2734	2738	2746	rBV7	19982	41468	1.49%	0.139%
52	19.263	2746	2750	2754	rBV2	27503	47166	1.69%	0.158%
53	19.398	2769	2773	2781	rBV5	52074	82023	2.94%	0.276%
54	19.551	2797	2799	2803	rVB4	21017	23859	0.86%	0.080%
55	19.616	2804	2810	2815	rVV	2077284	2787592	100.00%	9.365%
56	19.657	2815	2817	2825	rVB6	39477	50983	1.83%	0.171%
57	20.139	2896	2899	2903	rVB	41027	40265	1.44%	0.135%
58	20.504	2959	2961	2976	rVB5	60291	116975	4.20%	0.393%
59	20.622	2977	2981	2985	rVV3	72239	92038	3.30%	0.309%
60	21.074	3054	3058	3065	rBV	209215	305964	10.98%	1.028%
61	21.363	3102	3107	3116	rBV	1312440	1842433	66.09%	6.190%
62	21.516	3130	3133	3138	rVB2	84750	95184	3.41%	0.320%
63	21.980	3210	3212	3219	rVB2	89419	105481	3.78%	0.354%
64	22.480	3293	3297	3306	rVB2	354528	539846	19.37%	1.814%
65	23.639	3487	3494	3501	rBV2	1393942	2783218	99.84%	9.350%
66	23.792	3514	3520	3534	rVB	936067	2027949	72.75%	6.813%

Sum of corrected areas: 29766500

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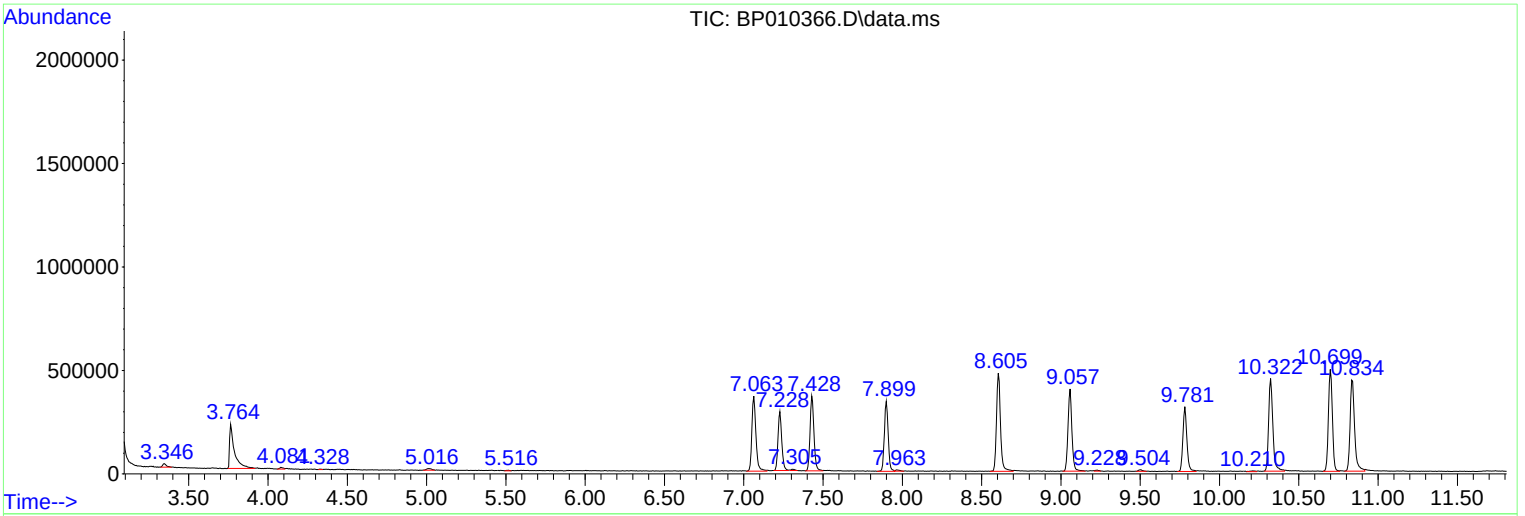
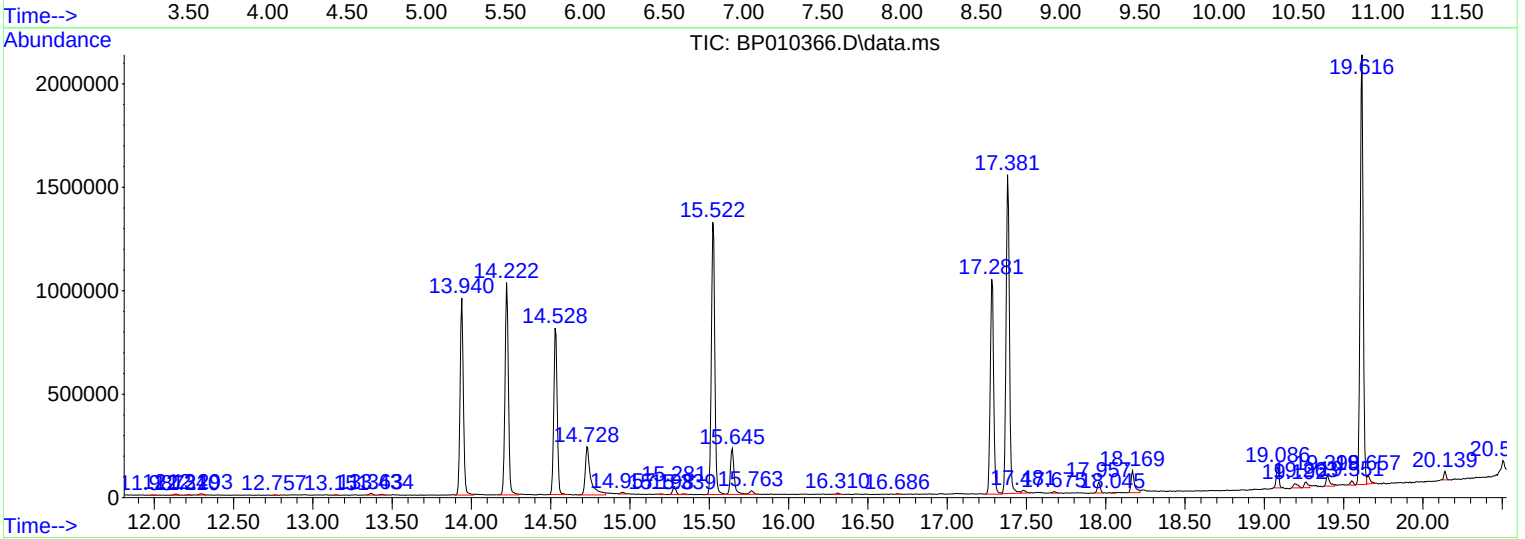
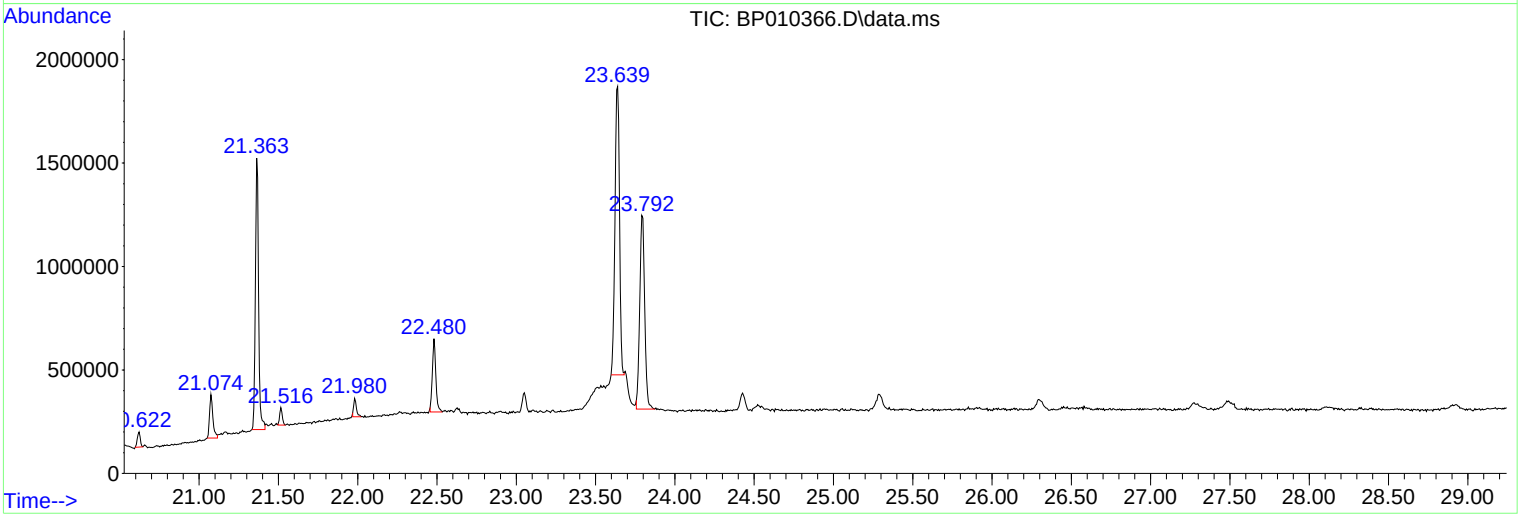
Instrument :
BNA_P
ClientSampleId :
DBSL1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051322.M
Quant Title : SVOA CALIBRATION

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







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Instrument :
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ClientSampleId :
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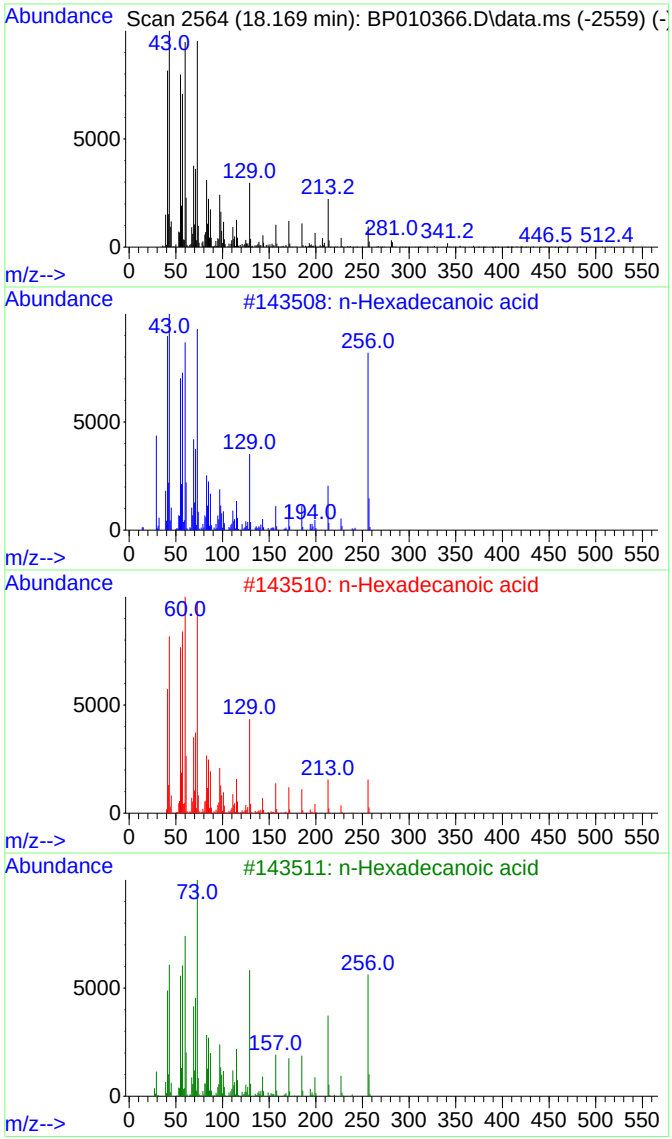
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051322.M
Quant Title : SVOA CALIBRATION

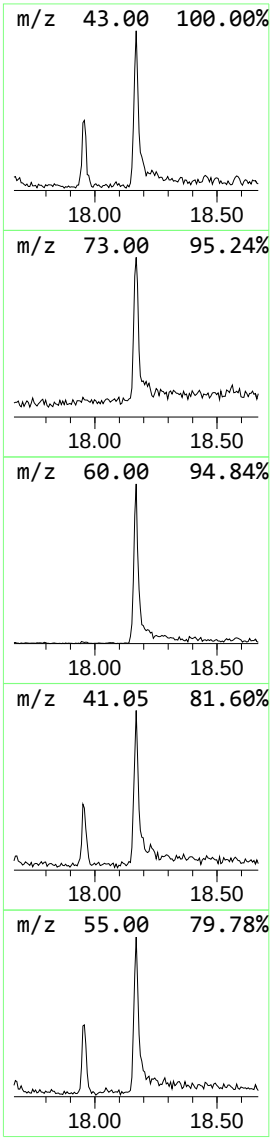
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.169	2.12 ng/ul	164340	Phenanthrene-d10	17.281

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	97
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
5	Tridecanoic acid	214	C13H26O2	000638-53-9	92





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Sample : N2746-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBSL1

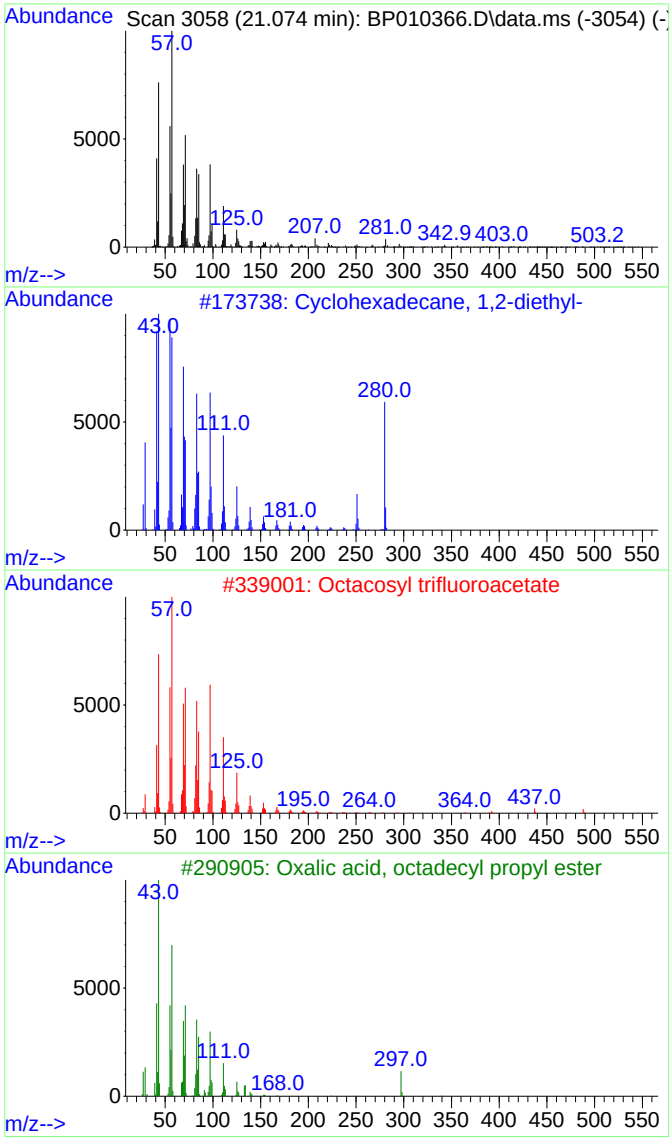
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051322.M
Quant Title : SVOA CALIBRATION

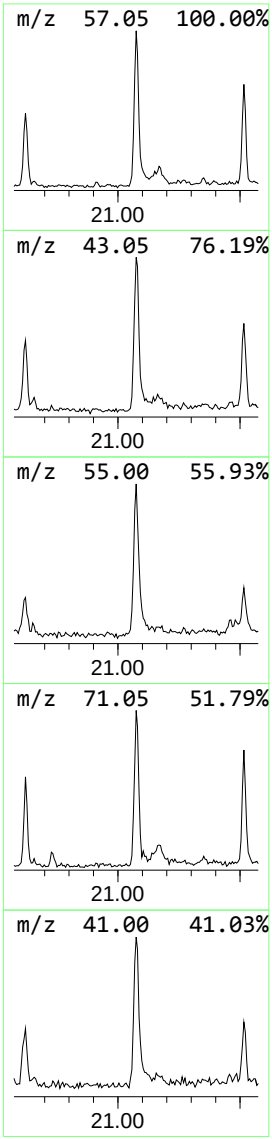
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Cyclic21.075 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.075	3.32 ng/ul	305964	Chrysene-d12	21.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane, 1,2-diethyl-	280	C20H40	1000155-85-3	95
2	Octacosyl trifluoroacetate	506	C30H57F3O2	1000351-74-9	91
3	Oxalic acid, octadecyl propyl ester	384	C23H44O4	1000309-27-0	91
4	Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	91
5	Oxalic acid, isobutyl octadecyl ...	398	C24H46O4	1000309-38-3	91





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Sample : N2746-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBSL1

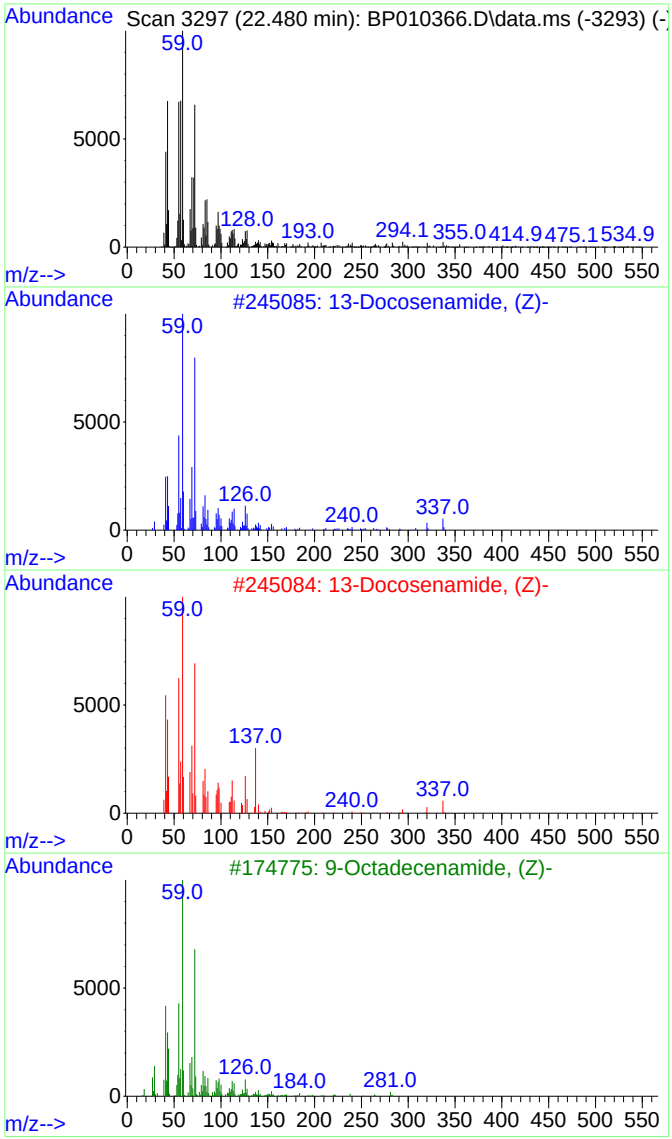
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051322.M
Quant Title : SVOA CALIBRATION

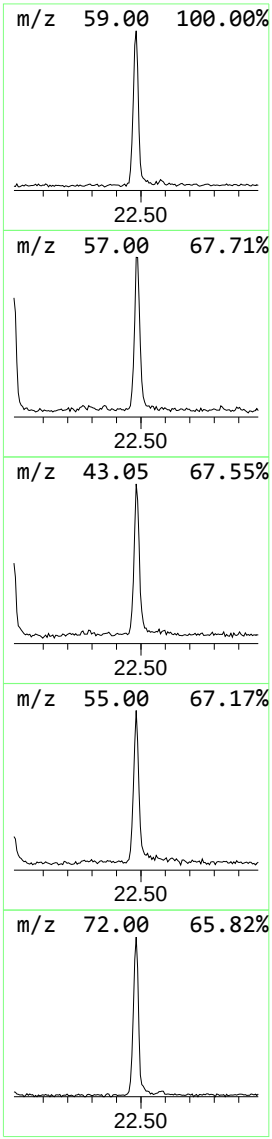
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 13-Docosenamide, (Z)- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.480	5.86 ng/ul	539846	Chrysene-d12	21.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	92
2	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	81
3	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	76
4	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	70
5	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	64





Tentatively Identified Compound (LSC) summary

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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
n-Hexadecanoic ...	18.169	2.1	ng/ul	164340	4	17.281	1551910	20.0
(DEL) Alkane: C...	21.075	3.3	ng/ul	305964	5	21.363	1842430	20.0
13-Docosenamide...	22.480	5.9	ng/ul	539846	5	21.363	1842430	20.0