

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072821\
 Data File : BP006406.D
 Acq On : 29 Jul 2021 00:20
 Operator : CG/JU
 Sample : M3122-01
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BGEM7

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-BP072421.M
 Title : SVOA CALIBRATION

Signal : TIC: BP006406.D

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.299	32	36	43	rBV	92221	129396	1.12%	0.111%
2	3.705	101	105	121	rBV	447343	771897	6.66%	0.663%
3	3.922	139	142	147	rVB	17522	28271	0.24%	0.024%
4	4.017	154	158	164	rVB	23662	37529	0.32%	0.032%
5	4.381	215	220	227	rVB	89585	130651	1.13%	0.112%
6	5.893	474	477	483	rVB3	14614	22694	0.20%	0.019%
7	6.446	566	571	579	rVB4	18532	32538	0.28%	0.028%
8	6.952	649	657	667	rVB	471316	818015	7.06%	0.702%
9	7.122	680	686	698	rVB	1693956	2662515	22.98%	2.286%
10	7.310	711	718	730	rVV	1597317	2567036	22.16%	2.204%
11	7.781	790	798	805	rBV	1436476	2235373	19.30%	1.919%
12	7.852	805	810	818	rVB	118091	175498	1.52%	0.151%
13	8.381	896	900	907	rVB6	25081	42774	0.37%	0.037%
14	8.487	910	918	927	rBV	1324063	2099052	18.12%	1.802%
15	8.605	934	938	943	rVB	39205	56961	0.49%	0.049%
16	8.875	978	984	987	rBV	34755	54635	0.47%	0.047%
17	8.934	987	994	1005	rVV	2025760	3299514	28.48%	2.833%
18	9.034	1006	1011	1016	rVV9	10061	23415	0.20%	0.020%
19	9.105	1017	1023	1029	rVB2	50126	79559	0.69%	0.068%
20	9.652	1107	1116	1125	rBV	1580030	2527026	21.82%	2.170%
21	9.881	1150	1155	1164	rVB4	17288	32324	0.28%	0.028%
22	10.187	1199	1207	1217	rBV	2176176	3577380	30.88%	3.071%
23	10.357	1230	1236	1245	rBV	118302	199767	1.72%	0.172%
24	10.481	1252	1257	1263	rVV3	34335	60046	0.52%	0.052%
25	10.563	1263	1271	1278	rVV	2011510	3326420	28.72%	2.856%
26	10.628	1278	1282	1287	rVV2	33255	58075	0.50%	0.050%
27	10.704	1287	1295	1310	rVV	2292454	3768662	32.53%	3.236%
28	11.216	1372	1382	1394	rVB2	16675	48719	0.42%	0.042%
29	11.363	1401	1407	1413	rBV9	11316	26062	0.22%	0.022%
30	12.069	1523	1527	1532	rVV2	13974	22267	0.19%	0.019%
31	12.151	1534	1541	1550	rVB	47903	81577	0.70%	0.070%
32	12.769	1643	1646	1653	rVB4	13937	21624	0.19%	0.019%
33	13.022	1685	1689	1693	rBV3	32061	44424	0.38%	0.038%
34	13.257	1721	1729	1734	rBV	81062	121964	1.05%	0.105%
35	13.328	1734	1741	1746	rVV2	49341	93695	0.81%	0.080%
36	13.375	1746	1749	1757	rVB5	14363	26098	0.23%	0.022%

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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-BP072421.M
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37	13.828	1819	1826	1836	rBV	4530703	6151208	53.10%	5.281%
38	14.098	1861	1872	1885	rBV	4833711	7313327	63.13%	6.279%
39	14.322	1906	1910	1914	rVB2	21110	30086	0.26%	0.026%
40	14.410	1914	1925	1932	rBV	3024628	4474407	38.63%	3.841%
41	14.492	1935	1939	1945	rVB	45806	64682	0.56%	0.056%
42	14.604	1949	1958	1968	rBV	412237	638682	5.51%	0.548%
43	14.834	1991	1997	2001	rBV	40593	55097	0.48%	0.047%
44	15.092	2036	2041	2050	rVB4	28548	52076	0.45%	0.045%
45	15.216	2058	2062	2064	rBV	27804	37395	0.32%	0.032%
46	15.275	2069	2072	2077	rVB	30642	38800	0.33%	0.033%
47	15.404	2087	2094	2106	rVB	6488875	9212494	79.53%	7.909%
48	15.522	2107	2114	2127	rBV	2051024	2815674	24.31%	2.417%
49	15.639	2129	2134	2140	rBV	79014	126222	1.09%	0.108%
50	15.775	2151	2157	2162	rBV	97857	136811	1.18%	0.117%
51	15.975	2184	2191	2195	rBV8	13675	34541	0.30%	0.030%
52	16.039	2198	2202	2205	rBV6	21910	33251	0.29%	0.029%
53	16.087	2205	2210	2215	rVV4	39686	68977	0.60%	0.059%
54	16.198	2225	2229	2234	rVB2	47789	71873	0.62%	0.062%
55	16.310	2243	2248	2253	rBV4	29987	48603	0.42%	0.042%
56	16.398	2259	2263	2270	rBV	62407	87104	0.75%	0.075%
57	16.492	2276	2279	2285	rVB5	16094	26813	0.23%	0.023%
58	16.557	2285	2290	2295	rVB	154987	214099	1.85%	0.184%
59	16.622	2297	2301	2306	rBV	46312	69317	0.60%	0.060%
60	16.763	2322	2325	2333	rVB7	16847	28906	0.25%	0.025%
61	16.904	2343	2349	2352	rVV2	51669	91020	0.79%	0.078%
62	16.939	2352	2355	2358	rVV2	55917	74684	0.64%	0.064%
63	16.986	2358	2363	2368	rVB4	37215	77624	0.67%	0.067%
64	17.157	2386	2392	2401	rVB	3353557	4862135	41.97%	4.174%
65	17.257	2401	2409	2415	rBV2	7210379	10891589	94.02%	9.351%
66	17.310	2415	2418	2422	rVB	96940	117045	1.01%	0.100%
67	17.416	2433	2436	2441	rVV4	25379	32950	0.28%	0.028%
68	17.463	2441	2444	2453	rVB3	28856	62544	0.54%	0.054%
69	17.539	2453	2457	2463	rBV5	17305	35633	0.31%	0.031%
70	17.639	2471	2474	2478	rBV3	16865	23483	0.20%	0.020%
71	17.710	2483	2486	2491	rVB6	22612	33101	0.29%	0.028%
72	17.839	2502	2508	2513	rBV2	643922	810702	7.00%	0.696%
73	17.957	2522	2528	2535	rBV	135362	218692	1.89%	0.188%
74	18.069	2537	2547	2555	rBV	1315817	1798584	15.53%	1.544%
75	18.133	2555	2558	2562	rVB	72799	100780	0.87%	0.087%
76	18.216	2569	2572	2579	rVB	46613	61724	0.53%	0.053%

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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
 Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
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77	18.428	2605	2608	2612	rVB3	26983	34294	0.30%	0.029%
78	18.551	2624	2629	2634	rBV	69786	110567	0.95%	0.095%
79	18.633	2640	2643	2647	rBV4	29265	41607	0.36%	0.036%
80	18.798	2667	2671	2675	rVB	128672	155890	1.35%	0.134%
81	18.880	2681	2685	2690	rBV	172037	224795	1.94%	0.193%
82	18.945	2693	2696	2701	rBV	48711	59552	0.51%	0.051%
83	19.075	2714	2718	2722	rBV2	97747	123267	1.06%	0.106%
84	19.145	2723	2730	2735	rBV2	108207	245118	2.12%	0.210%
85	19.186	2735	2737	2749	rVB6	59184	102351	0.88%	0.088%
86	19.304	2752	2757	2767	rBV	856545	1187670	10.25%	1.020%
87	19.416	2773	2776	2779	rVB	41371	43512	0.38%	0.037%
88	19.451	2779	2782	2784	rBV3	23106	26036	0.22%	0.022%
89	19.498	2784	2790	2797	rVB	8338900	11583848	100.00%	9.945%
90	19.727	2827	2829	2833	rVB	26948	32780	0.28%	0.028%
91	20.010	2875	2877	2880	rBV4	27769	33481	0.29%	0.029%
92	20.980	3038	3042	3050	rBV	908842	1143971	9.88%	0.982%
93	21.251	3083	3088	3095	rBV	3850111	4919628	42.47%	4.224%
94	21.874	3192	3194	3202	rVB4	106836	161703	1.40%	0.139%
95	22.363	3273	3277	3282	rVB2	209987	297820	2.57%	0.256%
96	22.910	3366	3370	3376	rVB	229644	323639	2.79%	0.278%
97	23.451	3454	3462	3469	rBV2	5136443	9894616	85.42%	8.495%
98	23.527	3471	3475	3479	rVV	258069	443257	3.83%	0.381%
99	23.598	3480	3487	3496	rVB2	2202678	4338564	37.45%	3.725%
100	24.233	3591	3595	3603	rVB2	268129	522914	4.51%	0.449%

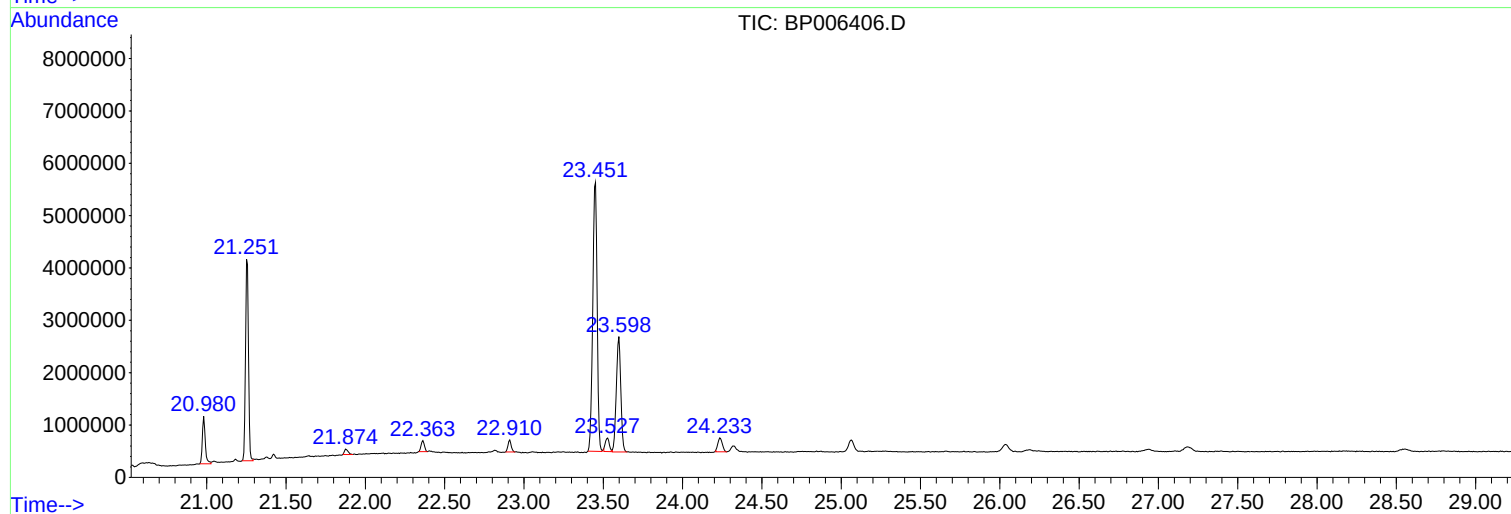
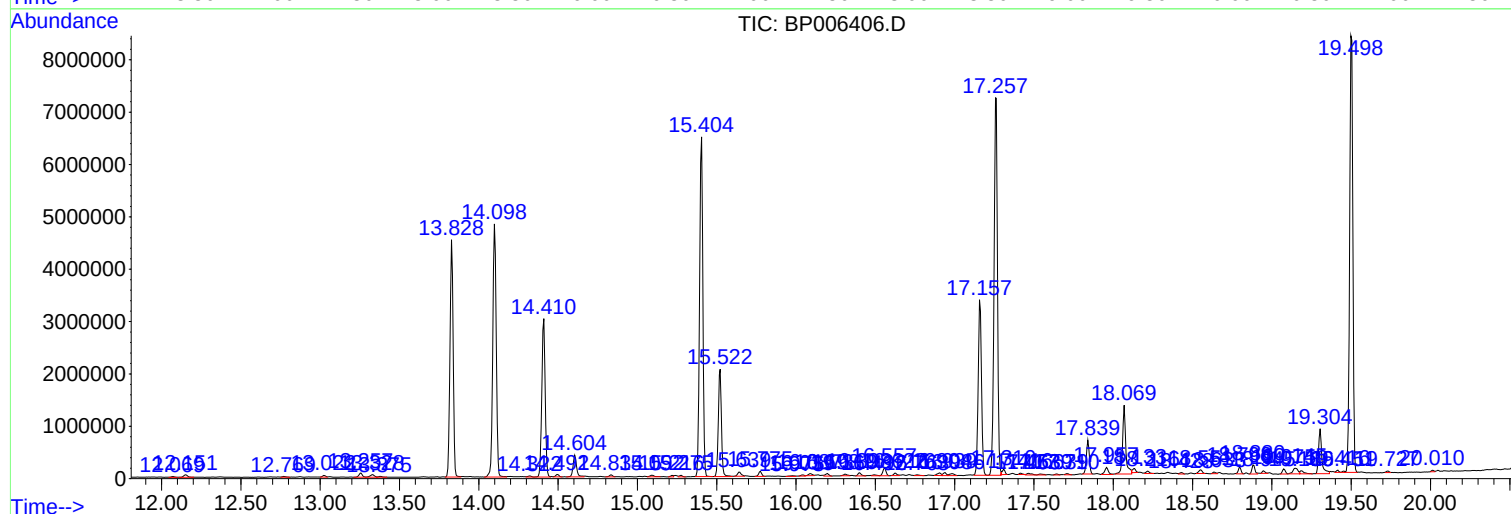
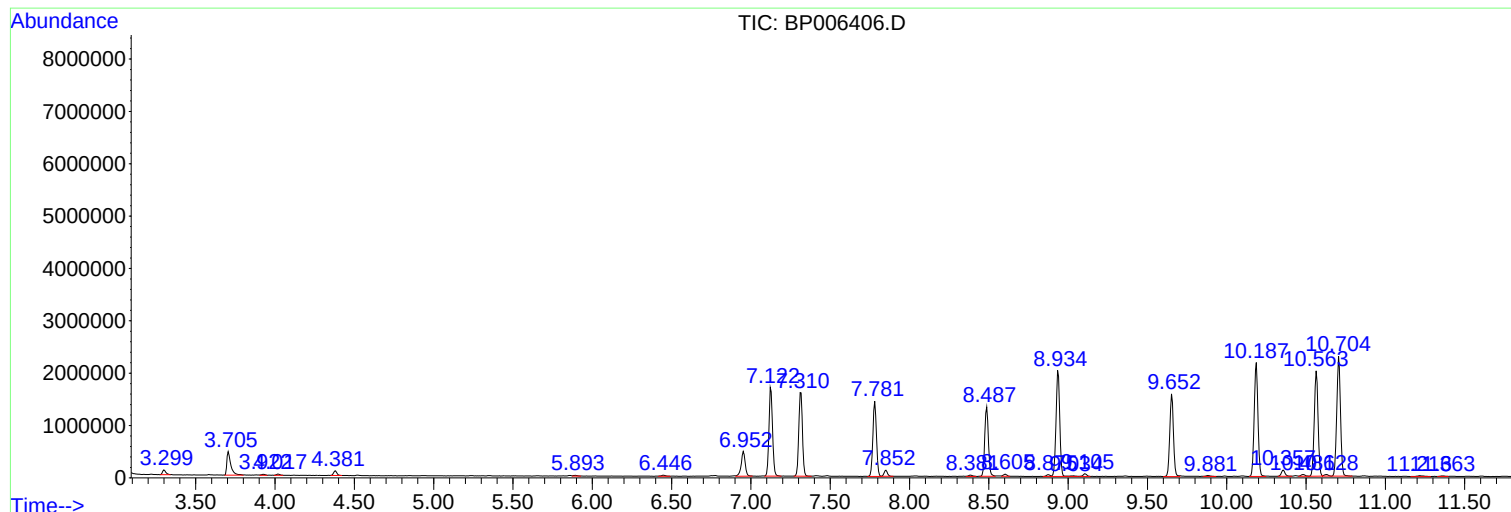
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ALS Vial : 25 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP072421.M
Quant Title : SVOA CALIBRATION

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



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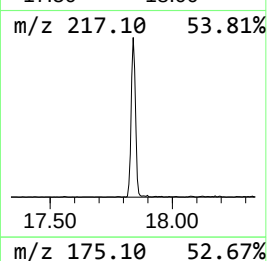
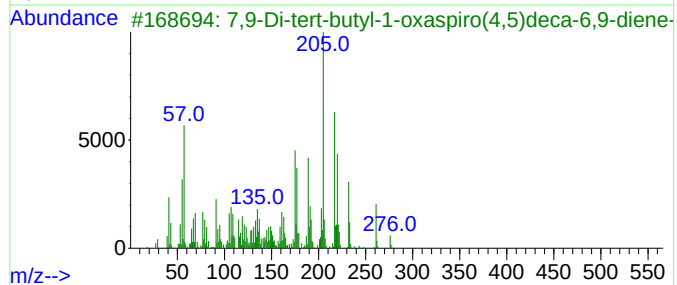
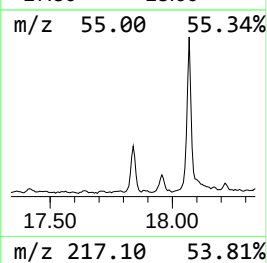
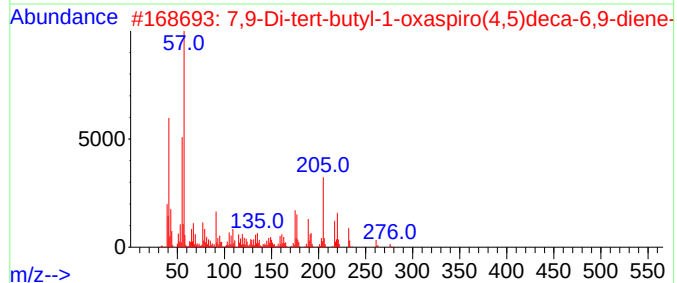
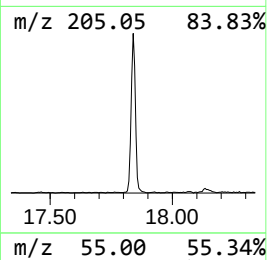
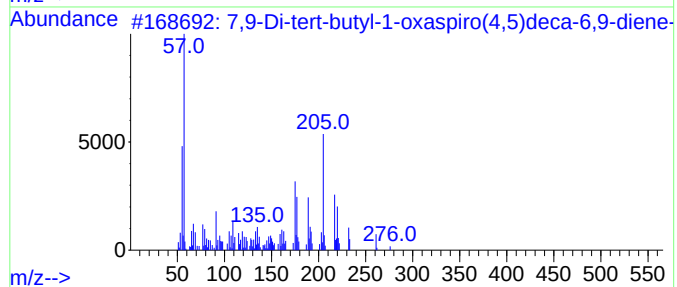
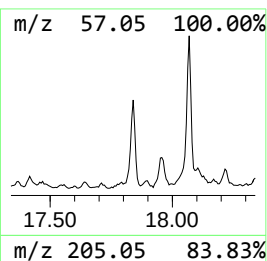
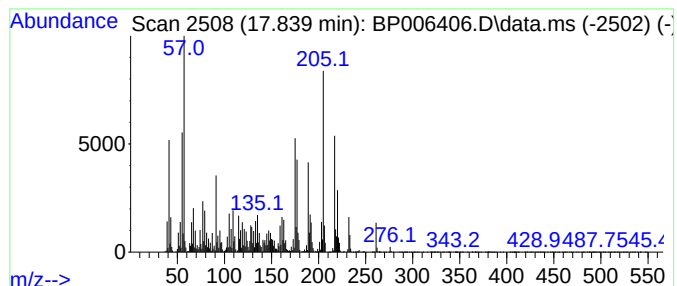
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP072421.M
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TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 7,9-Di-tert-butyl-1-oxaspiro... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.840	3.33 ng/ul	810702	Phenanthrene-d10	17.157

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	99		
2	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	98		
3	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	68		
4	Ethanone, 1-(5,6,7,8-tetrahydro-...	220	C14H20O2	071596-88-8	50		
5	1-(3-Amino-4,6-dimethylthieno[2,...	220	C11H12N2OS	052505-42-7	50		



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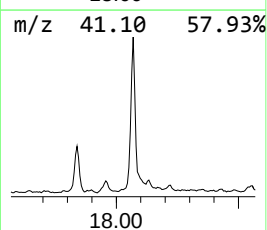
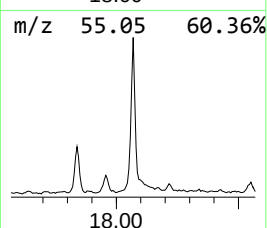
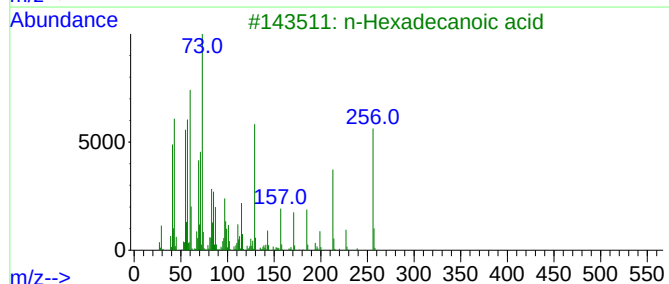
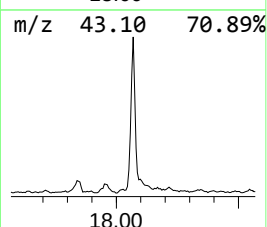
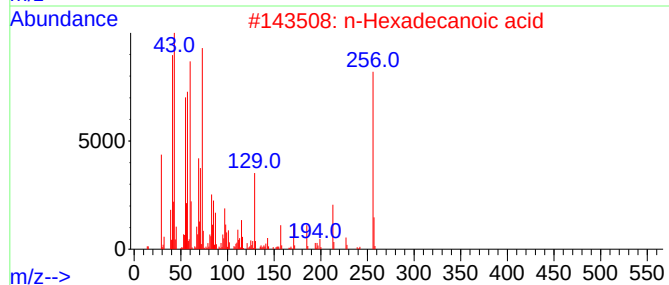
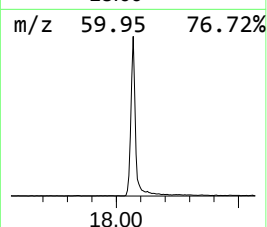
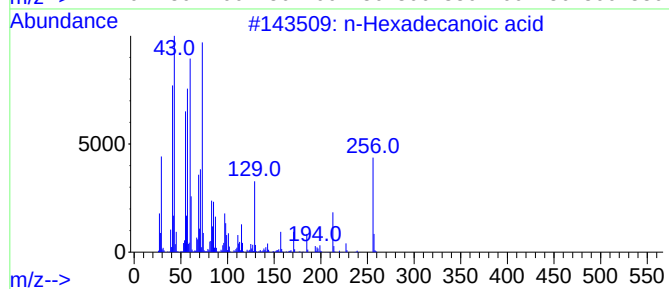
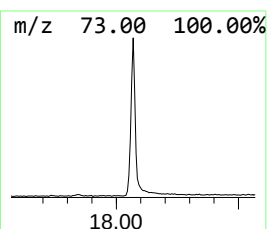
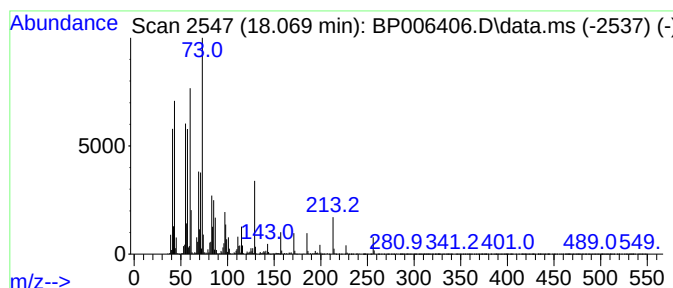
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP072421.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.070	7.40 ng/ul	1798580	Phenanthrene-d10	17.157

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	99
4			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
5			Pentadecanoic acid	242	C15H30O2	001002-84-2	90



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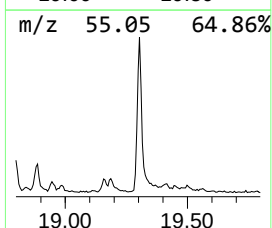
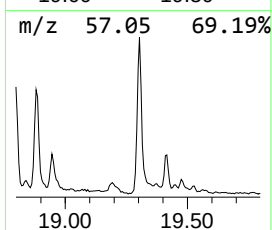
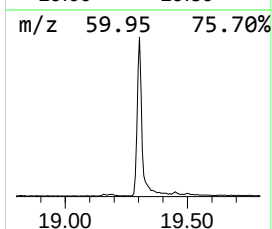
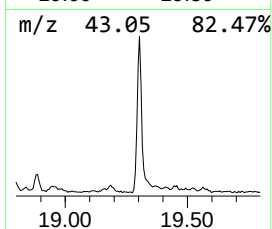
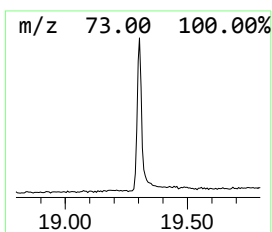
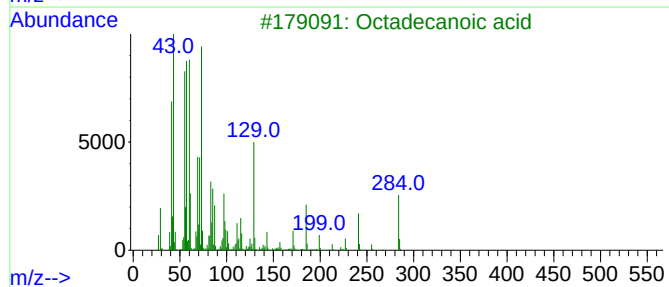
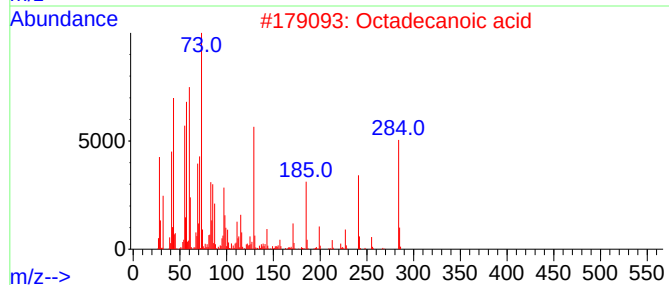
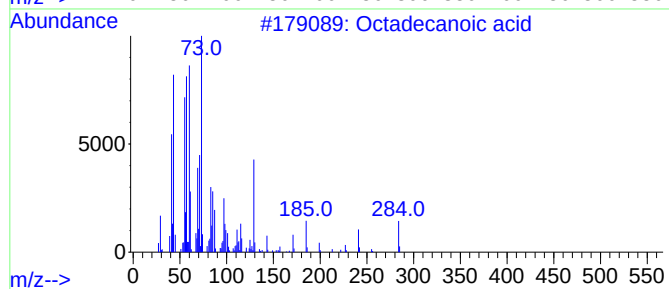
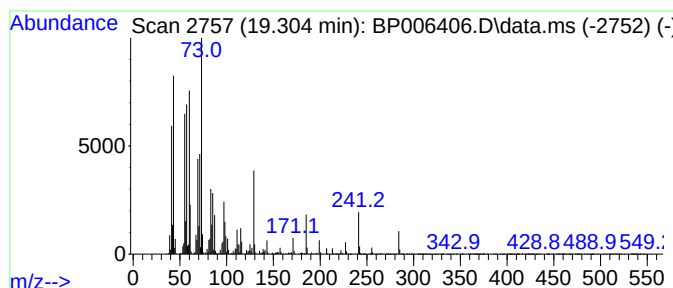
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP072421.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 Octadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.300	4.83 ng/ul	1187670	Chrysene-d12	21.251

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	99
3			Octadecanoic acid	284	C18H36O2	000057-11-4	99
4			Octadecanoic acid	284	C18H36O2	000057-11-4	96
5			Octadecanoic acid	284	C18H36O2	000057-11-4	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072821\
Data File : BP006406.D
Acq On : 29 Jul 2021 00:20
Operator : CG/JU
Sample : M3122-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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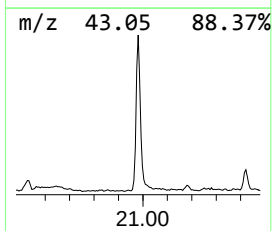
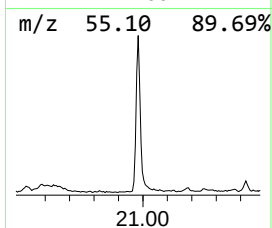
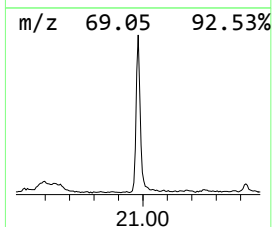
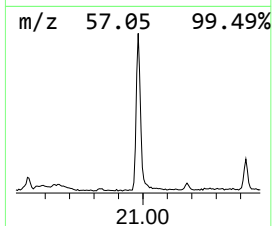
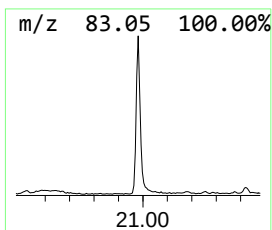
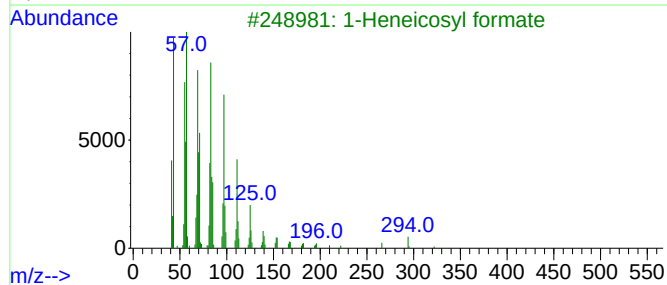
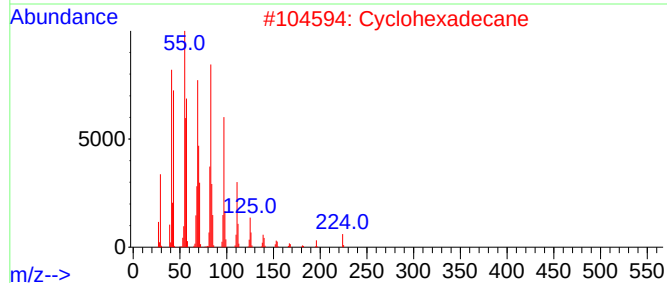
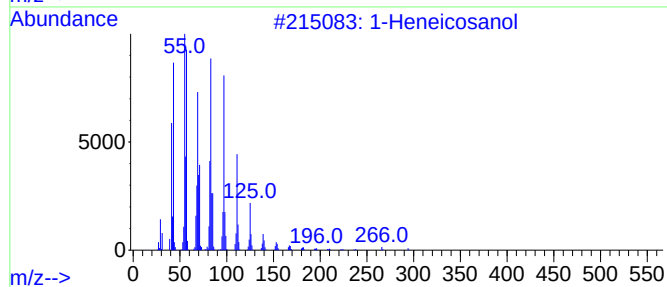
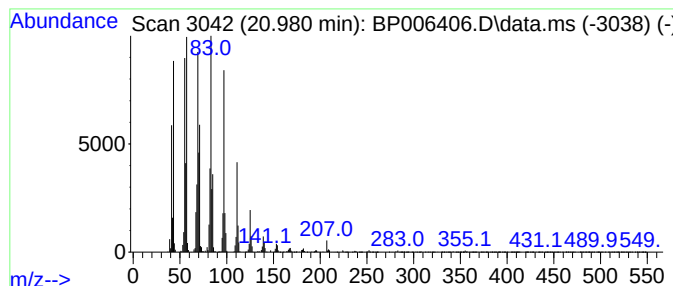
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 1-Heneicosanol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.980	4.65 ng/ul	1143970	Chrysene-d12	21.251

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Heneicosanol	312	C21H44O	015594-90-8	95
2			Cyclohexadecane	224	C16H32	000295-65-8	94
3			1-Heneicosyl formate	340	C22H44O2	077899-03-7	94
4			Pentacos-1-ene	350	C25H50	016980-85-1	94
5			n-Nonadecanol-1	284	C19H40O	001454-84-8	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072821\
Data File : BP006406.D
Acq On : 29 Jul 2021 00:20
Operator : CG/JU
Sample : M3122-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BGEM7

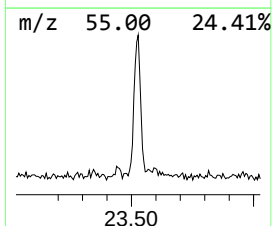
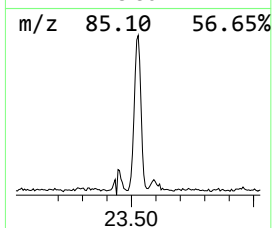
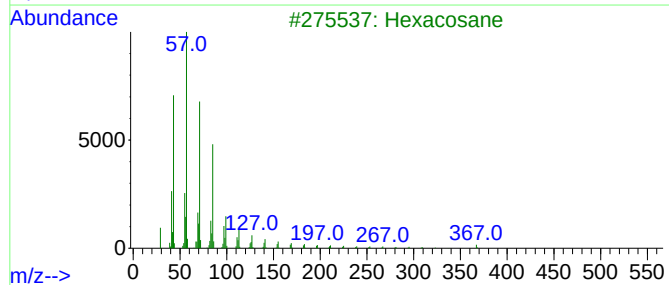
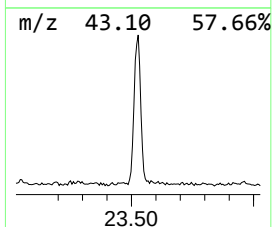
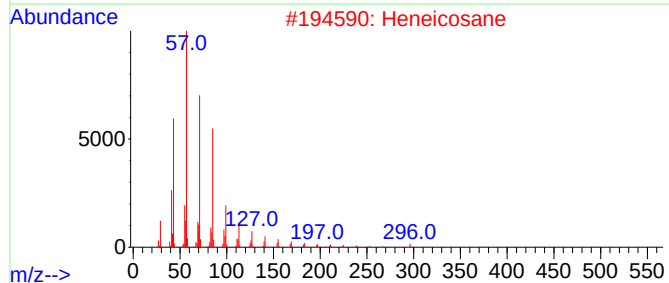
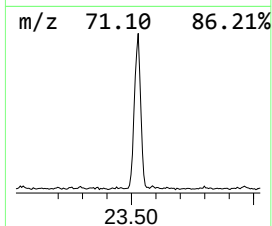
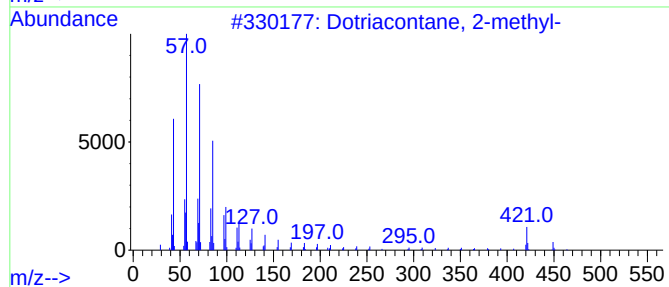
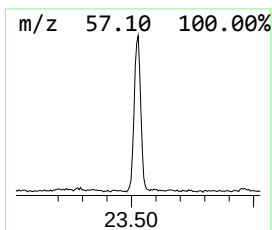
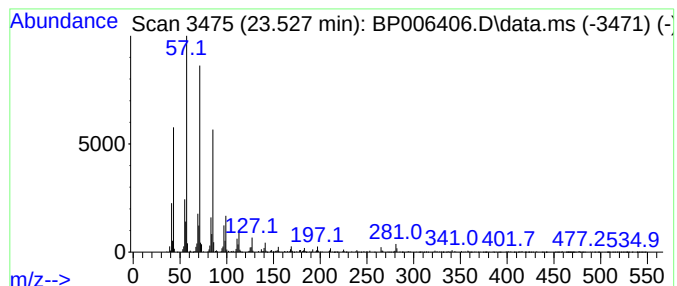
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.530	2.04 ng/ul	443257	Perylene-d12	23.598

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dotriacontane, 2-methyl-	465	C33H68	001720-11-2	93
2	Heneicosane	296	C21H44	000629-94-7	90
3	Hexacosane	366	C26H54	000630-01-3	90
4	Octacosane	394	C28H58	000630-02-4	90
5	Eicosane, 10-methyl-	296	C21H44	054833-23-7	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072821\
Data File : BP006406.D
Acq On : 29 Jul 2021 00:20
Operator : CG/JU
Sample : M3122-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BGEM7

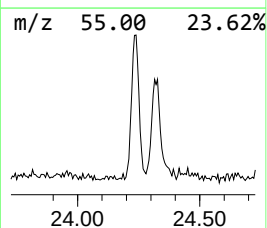
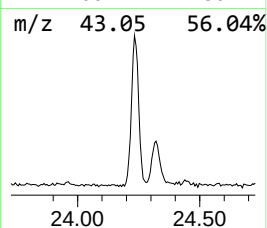
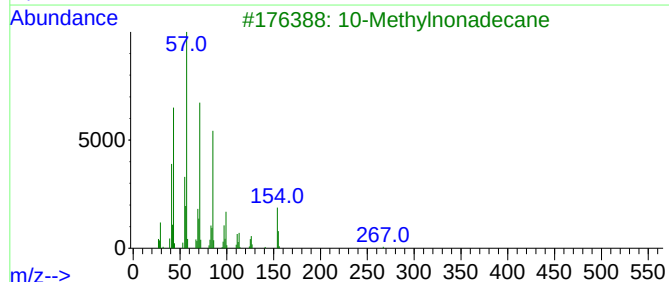
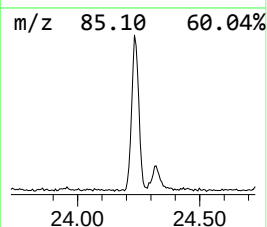
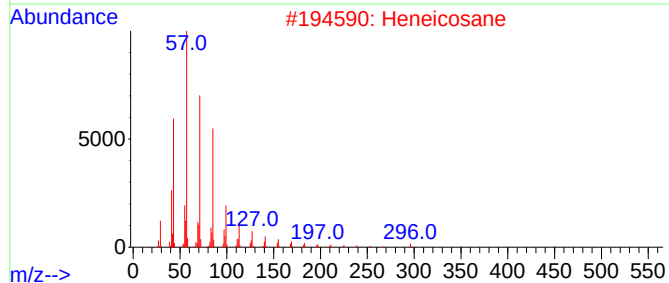
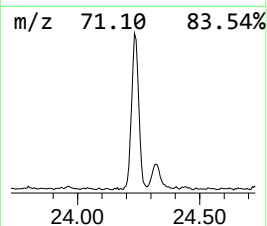
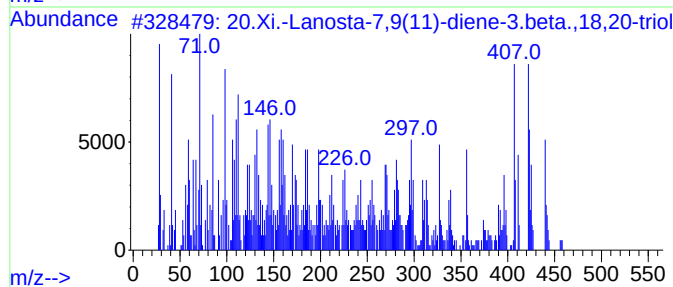
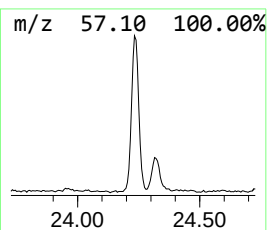
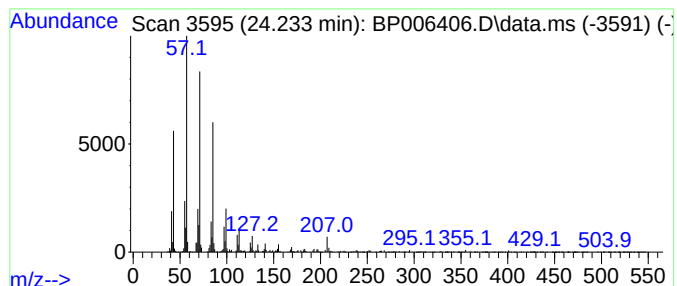
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP072421.M
Quant Title : SVOA CALIBRATION

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

Peak Number 6 20.Xi.-Lanosta-7,9(11)-dien... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.230	2.41 ng/ul	522914	Perylene-d12	23.598

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	20.Xi.-Lanosta-7,9(11)-diene-3.b...	458	C30H50O3	025116-58-9	93		
2	Heneicosane	296	C21H44	000629-94-7	91		
3	10-Methylnonadecane	282	C20H42	056862-62-5	90		
4	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	86		
5	Tridecane	184	C13H28	000629-50-5	86		



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072821\
Data File : BP006406.D
Acq On : 29 Jul 2021 00:20
Operator : CG/JU
Sample : M3122-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BGEM7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP072421.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST0.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
7,9-Di-tert-but...	17.840	3.3	ng/ul	810702	4	17.157	4862140	20.0
n-Hexadecanoic ...	18.070	7.4	ng/ul	1798580	4	17.157	4862140	20.0
Octadecanoic acid	19.300	4.8	ng/ul	1187670	5	21.251	4919630	20.0
1-Heneicosanol	20.980	4.7	ng/ul	1143970	5	21.251	4919630	20.0
(DEL) Alkane: S...	23.530	2.0	ng/ul	443257	6	23.598	4338560	20.0
20.Xi.-Lanosta-...	24.230	2.4	ng/ul	522914	6	23.598	4338560	20.0