

Data Path : Z:\HPCHEM1\BNA G\Data\BG081017\
 Data File : BG028274.D
 Acq On : 11 Aug 2017 1:18
 Operator : SJ/JU
 Sample : I4529-21
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AC2

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.1
 Stop Thrs : 0

Filtering: 5
 Min Area: 0.1 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 1

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
 Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.841	38	43	51	rBV5	9648	18297	1.37%	0.105%
2	4.346	124	129	136	rBV5	10034	18005	1.35%	0.103%
3	5.468	315	320	325	rBV3	5855	9567	0.71%	0.055%
4	7.501	659	666	681	rVB	170187	344894	25.77%	1.982%
5	7.671	686	695	706	rBV	111095	198689	14.84%	1.142%
6	7.889	722	732	745	rBV	150928	280025	20.92%	1.609%
7	8.353	802	811	826	rVB	188083	342372	25.58%	1.967%
8	9.046	921	929	938	rBV	199091	370857	27.70%	2.131%
9	9.187	945	953	958	rBV4	3208	8054	0.60%	0.046%
10	9.522	1001	1010	1022	rVB	149621	292046	21.82%	1.678%
11	9.892	1068	1073	1080	rBV5	4433	9108	0.68%	0.052%
12	10.245	1123	1133	1142	rVV	132026	256333	19.15%	1.473%
13	10.315	1142	1145	1150	rVV5	3192	7557	0.56%	0.043%
14	10.785	1216	1225	1239	rVB2	203154	390065	29.14%	2.241%
15	11.173	1283	1291	1305	rVB	278850	534402	39.92%	3.070%
16	11.308	1305	1314	1328	rBV2	74453	164515	12.29%	0.945%
17	11.537	1344	1353	1354	rBV4	3988	7854	0.59%	0.045%
18	11.573	1355	1359	1366	rVV8	5718	12229	0.91%	0.070%
19	11.978	1422	1428	1434	rBV4	11043	17231	1.29%	0.099%
20	12.307	1480	1484	1491	rBV6	3712	7199	0.54%	0.041%
21	12.530	1518	1522	1528	rVB3	8199	11616	0.87%	0.067%
22	12.607	1528	1535	1540	rBV5	5691	10717	0.80%	0.062%
23	12.730	1552	1556	1561	rVB4	5225	8062	0.60%	0.046%
24	12.807	1561	1569	1572	rBV2	8845	14146	1.06%	0.081%
25	12.848	1572	1576	1582	rVB4	5164	8948	0.67%	0.051%
26	13.024	1600	1606	1613	rVB3	5778	12589	0.94%	0.072%
27	13.112	1613	1621	1624	rBV6	4445	10396	0.78%	0.060%
28	13.147	1624	1627	1631	rVB5	6105	7416	0.55%	0.043%
29	13.306	1650	1654	1661	rBV5	4075	9089	0.68%	0.052%
30	13.441	1672	1677	1684	rVB8	4115	7801	0.58%	0.045%
31	13.547	1691	1695	1705	rVB6	4130	9796	0.73%	0.056%
32	13.676	1712	1717	1723	rVV8	4894	11217	0.84%	0.064%
33	13.752	1723	1730	1734	rVB3	11156	19045	1.42%	0.109%
34	13.923	1756	1759	1766	rVB6	4480	7696	0.57%	0.044%

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35	14.140	1785	1796	1802	rVB6	6959	25033	1.87%	0.144%
36	14.287	1814	1821	1825	rBV8	11657	28783	2.15%	0.165%
37	14.346	1825	1831	1836	rVV	421314	649437	48.52%	3.731%
38	14.393	1836	1839	1846	rVV	123796	183752	13.73%	1.056%
39	14.440	1846	1847	1855	rVB7	5308	7637	0.57%	0.044%
40	14.510	1855	1859	1862	rBV5	4349	8375	0.63%	0.048%
41	14.657	1876	1884	1896	rVB	408355	671004	50.13%	3.855%
42	14.757	1896	1901	1904	rBV5	4605	9133	0.68%	0.052%
43	14.810	1907	1910	1915	rVB2	17115	22663	1.69%	0.130%
44	14.857	1915	1918	1923	rBV4	6109	8476	0.63%	0.049%
45	14.957	1926	1935	1944	rBV2	479461	799857	59.75%	4.595%
46	15.080	1952	1956	1961	rBV2	12690	25124	1.88%	0.144%
47	15.145	1962	1967	1979	rVV	153673	307608	22.98%	1.767%
48	15.304	1987	1994	1997	rVV9	9598	21322	1.59%	0.123%
49	15.357	1997	2003	2010	rVB8	14643	36627	2.74%	0.210%
50	15.421	2010	2014	2019	rVB6	8668	12735	0.95%	0.073%
51	15.562	2035	2038	2043	rVB7	6537	8475	0.63%	0.049%
52	15.621	2044	2048	2052	rVB6	5583	8705	0.65%	0.050%
53	15.715	2058	2064	2068	rBV7	11687	28257	2.11%	0.162%
54	15.762	2068	2072	2078	rVB2	27421	41888	3.13%	0.241%
55	15.827	2079	2083	2087	rVB7	6069	10989	0.82%	0.063%
56	15.879	2087	2092	2096	rBV	21227	36314	2.71%	0.209%
57	15.950	2096	2104	2115	rVB	545907	908380	67.86%	5.219%
58	16.056	2116	2122	2133	rBV	227396	361106	26.98%	2.075%
59	16.156	2133	2139	2142	rBV6	11968	22333	1.67%	0.128%
60	16.261	2153	2157	2158	rBV4	7113	9968	0.74%	0.057%
61	16.385	2172	2178	2181	rBV6	13518	25161	1.88%	0.145%
62	16.549	2202	2206	2208	rBV4	6312	10153	0.76%	0.058%
63	16.620	2214	2218	2229	rBV4	48721	96894	7.24%	0.557%
64	16.708	2232	2233	2240	rVB7	9418	12518	0.94%	0.072%
65	16.843	2253	2256	2261	rBV7	9223	18158	1.36%	0.104%
66	16.990	2274	2281	2289	rBV7	19822	62177	4.64%	0.357%
67	17.049	2289	2291	2296	rVV6	7618	10770	0.80%	0.062%
68	17.360	2341	2344	2349	rVB7	11405	17370	1.30%	0.100%
69	17.413	2349	2353	2360	rBV2	40403	64649	4.83%	0.371%
70	17.548	2371	2376	2379	rBV6	12971	18884	1.41%	0.108%
71	17.707	2396	2403	2413	rBV	621009	990939	74.03%	5.693%

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72	17.807	2413	2420	2429	rVB	687669	1086512	81.17%	6.242%
73	18.159	2476	2480	2493	rVB	36640	63778	4.76%	0.366%
74	18.559	2543	2548	2555	rBV3	107115	196410	14.67%	1.128%
75	18.841	2592	2596	2600	rBV2	29714	38399	2.87%	0.221%
76	19.275	2667	2670	2672	rBV3	9918	13048	0.97%	0.075%
77	19.458	2698	2701	2708	rVB2	53329	75928	5.67%	0.436%
78	19.816	2757	2762	2770	rBV4	75655	133018	9.94%	0.764%
79	20.004	2791	2794	2796	rBV3	54233	60936	4.55%	0.350%
80	20.028	2797	2798	2801	rVV	60700	61937	4.63%	0.356%
81	20.080	2801	2807	2817	rVB2	870251	1338610	100.00%	7.691%
82	20.562	2883	2889	2894	rBV	47231	72072	5.38%	0.414%
83	21.050	2967	2972	2973	rBV3	47042	60081	4.49%	0.345%
84	21.602	3062	3066	3075	rBV2	91638	170075	12.71%	0.977%
85	22.037	3132	3140	3149	rVB	628578	1132879	84.63%	6.509%
86	22.166	3158	3162	3171	rVB10	32964	75581	5.65%	0.434%
87	22.842	3272	3277	3281	rBV4	32898	63014	4.71%	0.362%
88	23.976	3466	3470	3477	rVB10	21668	46983	3.51%	0.270%
89	24.458	3546	3552	3562	rVB2	47312	119780	8.95%	0.688%
90	24.857	3618	3620	3628	rVB9	7647	13819	1.03%	0.079%
91	25.298	3683	3695	3712	rVB2	426360	1282491	95.81%	7.368%
92	25.539	3720	3736	3751	rVB2	341448	1214487	90.73%	6.978%
93	26.067	3820	3826	3838	rVB2	27631	78231	5.84%	0.449%
94	26.185	3842	3846	3858	rVB2	30300	87993	6.57%	0.506%
95	26.720	3922	3937	3949	rVB5	56434	237800	17.76%	1.366%
96	26.849	3949	3959	3971	rBV5	46163	168085	12.56%	0.966%
97	27.419	4052	4056	4059	rBV6	11738	20928	1.56%	0.120%
98	28.200	4178	4189	4200	rVB4	45026	180629	13.49%	1.038%
99	29.975	4481	4491	4511	rVB5	40996	174635	13.05%	1.003%
100	32.119	4849	4856	4872	rVB6	26265	117937	8.81%	0.678%

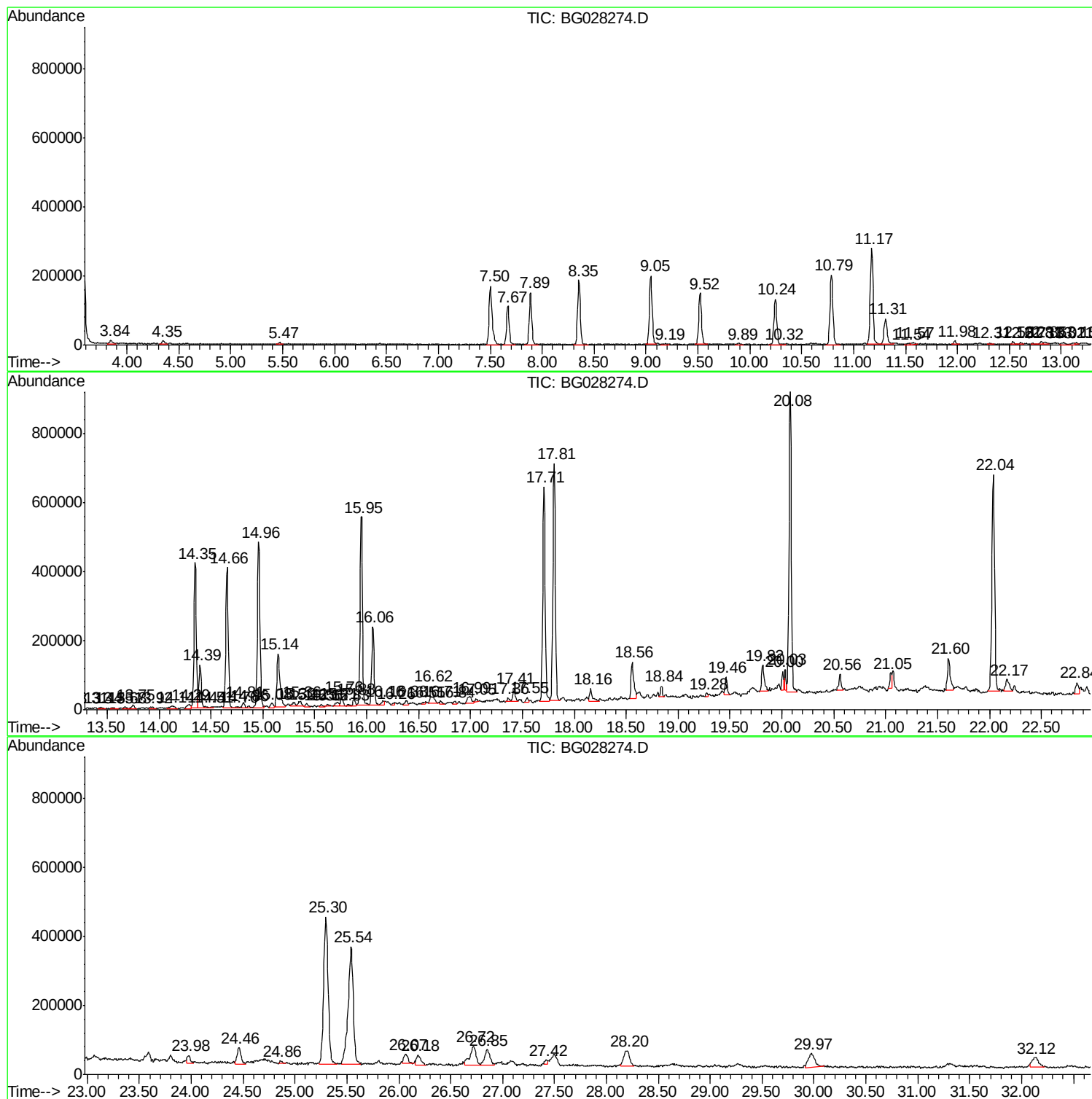
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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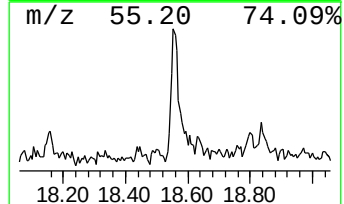
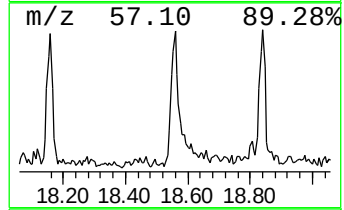
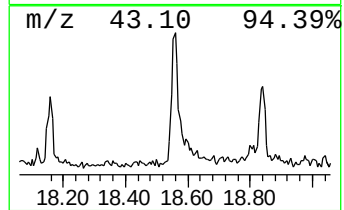
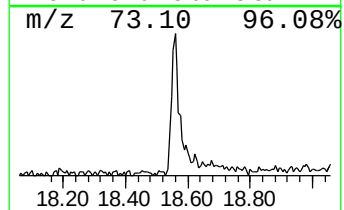
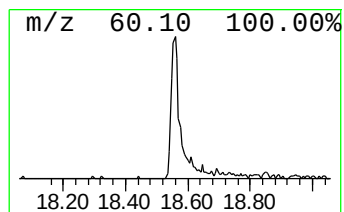
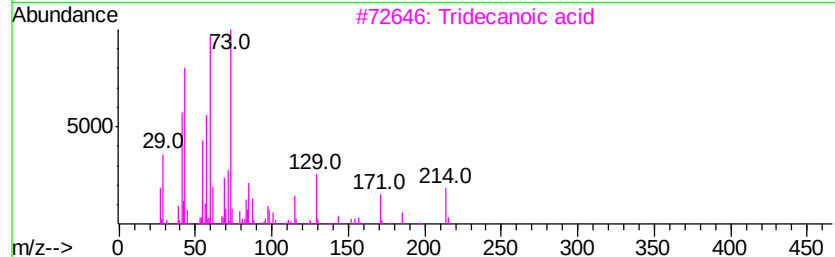
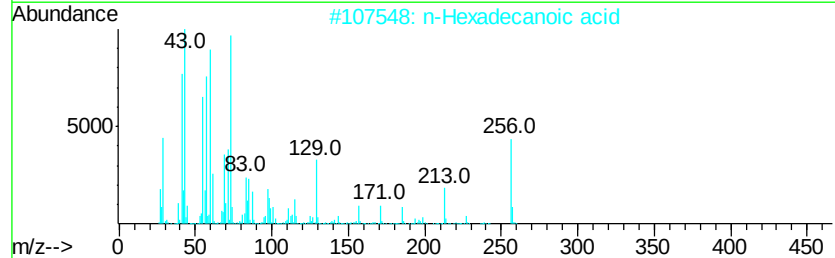
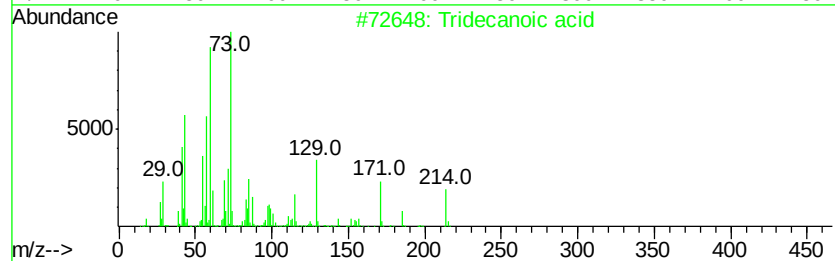
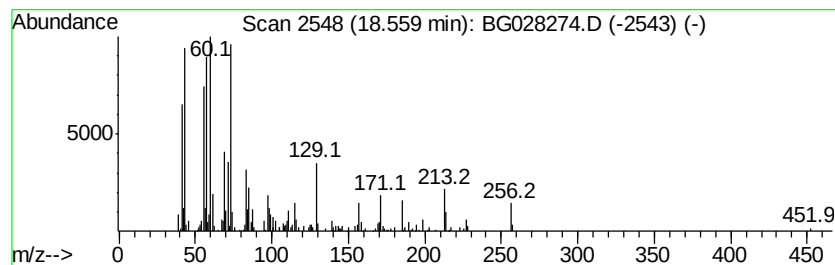
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Tridecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.56	3.96 ng/ul	196410	Phenanthrene-d10	17.71

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecanoic acid	214	C13H26O2	000638-53-9	95
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	89
3		Tridecanoic acid	214	C13H26O2	000638-53-9	81
4		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	76
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	68



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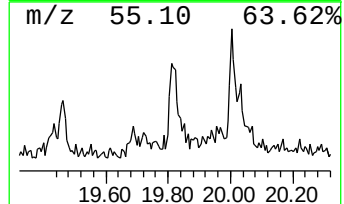
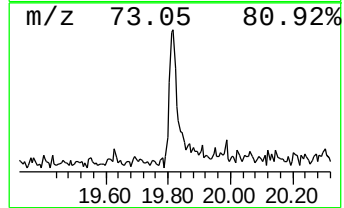
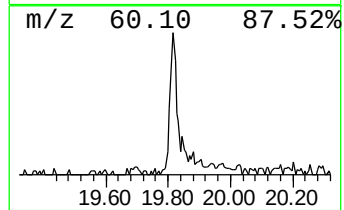
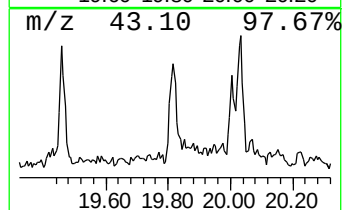
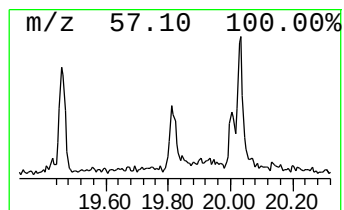
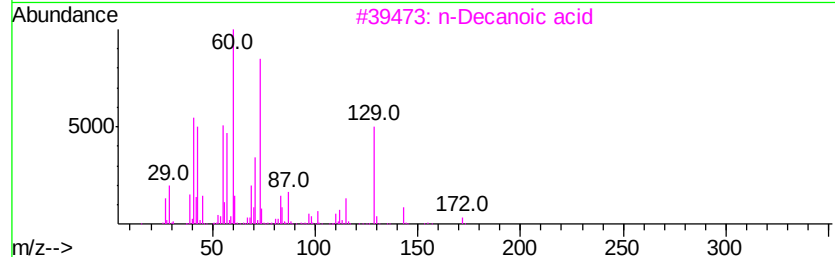
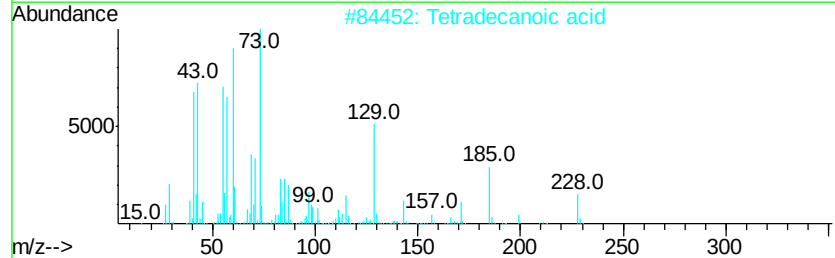
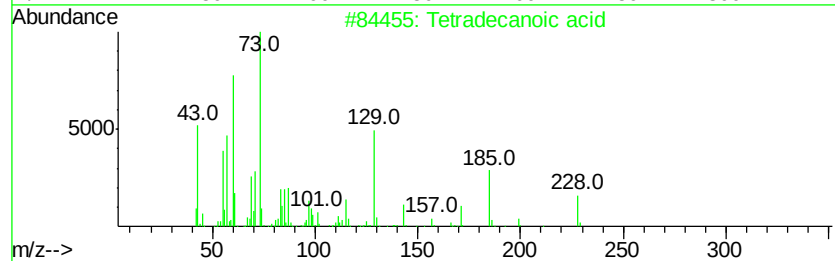
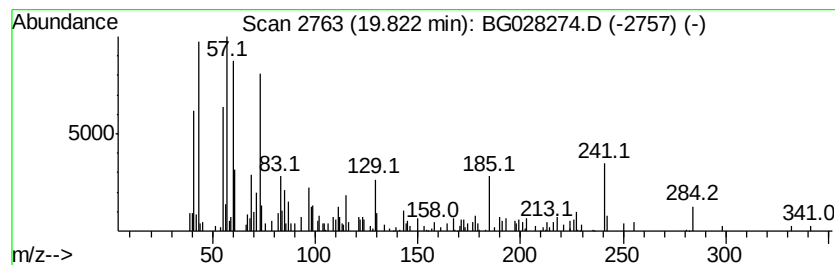
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Tetradecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.82	2.68 ng/ul	133018	Phenanthrene-d10	17.71

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecanoic acid	228	C14H28O2	000544-63-8	90
2		Tetradecanoic acid	228	C14H28O2	000544-63-8	90
3		n-Decanoic acid	172	C10H20O2	000334-48-5	86
4		n-Decanoic acid	172	C10H20O2	000334-48-5	86
5		Octadecanoic acid	284	C18H36O2	000057-11-4	83



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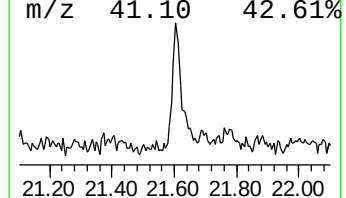
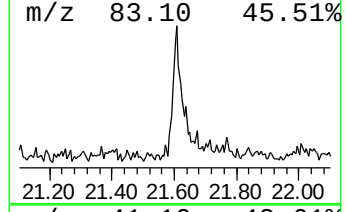
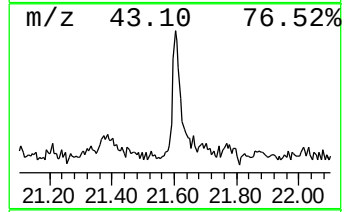
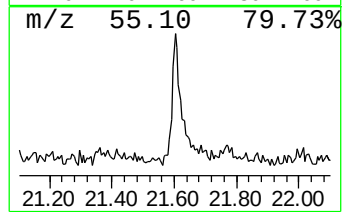
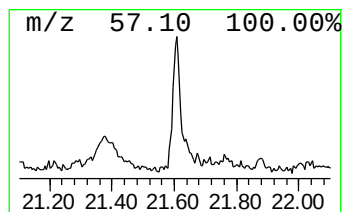
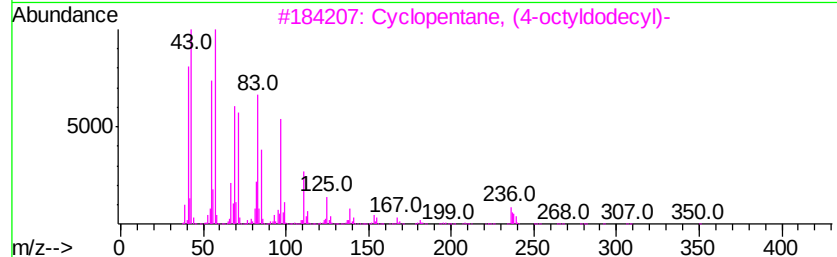
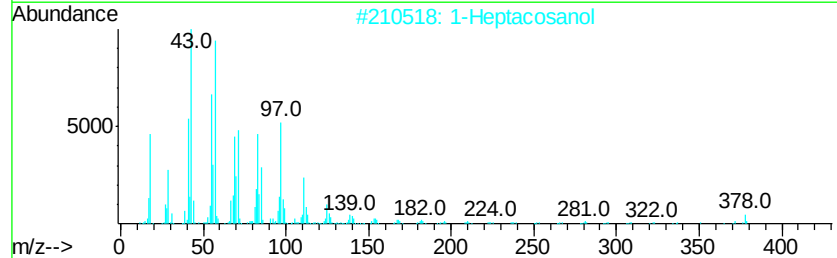
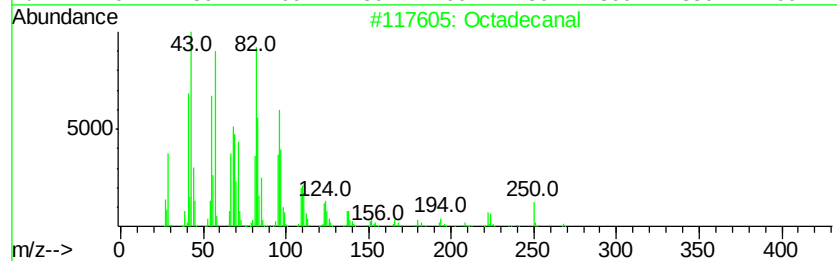
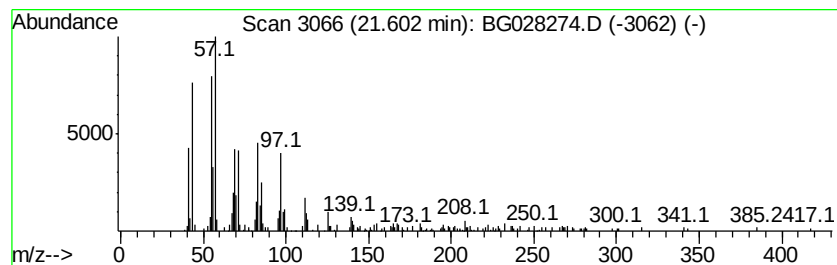
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Peak Number 3 Octadecanal Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
21.60	3.00 ng/ul	170075	Chrysene-d12	22.04	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanal	268	C18H36O	000638-66-4	83
2	1-Heptacosanol	396	C27H56O	002004-39-9	81
3	Cyclopentane, (4-octyldodecyl)-	350	C25H50	005638-09-5	81
4	1-Hexadecanesulfonyl chloride	324	C16H33ClO2S	038775-38-1	74
5	Triacetyl pentafluoropropionate	584	C33H61F5O2	1000351-80-0	74



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ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AC2

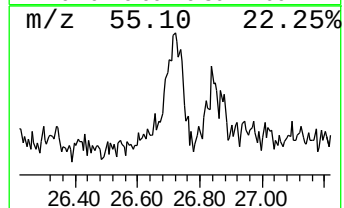
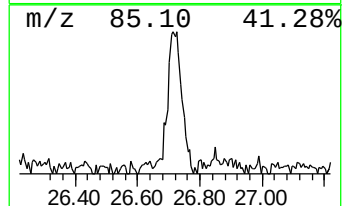
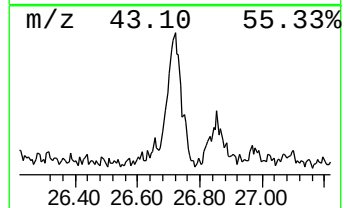
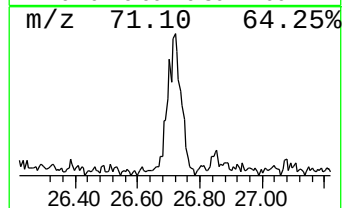
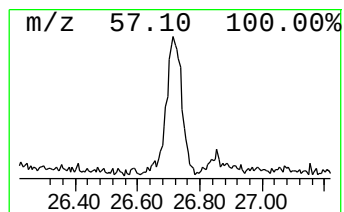
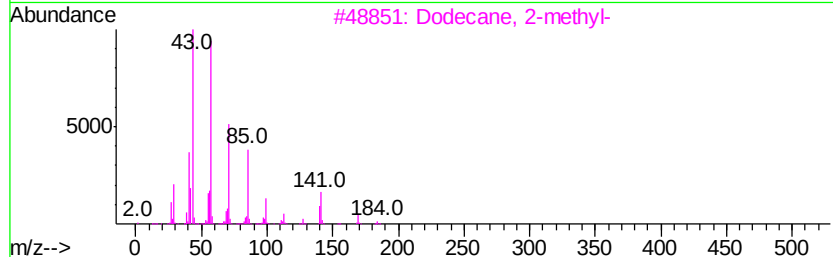
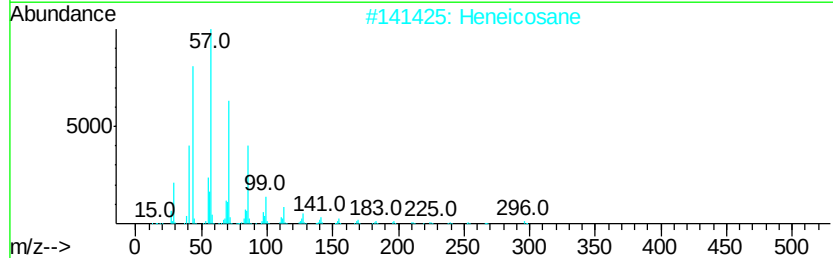
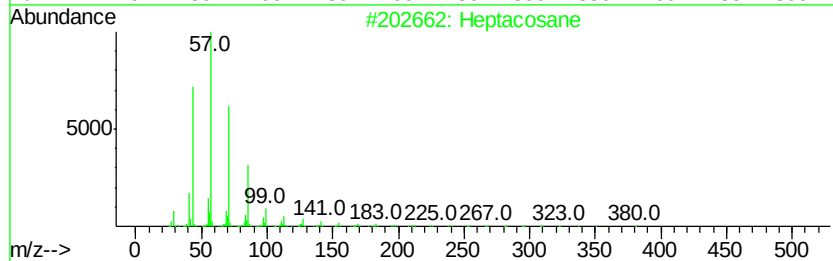
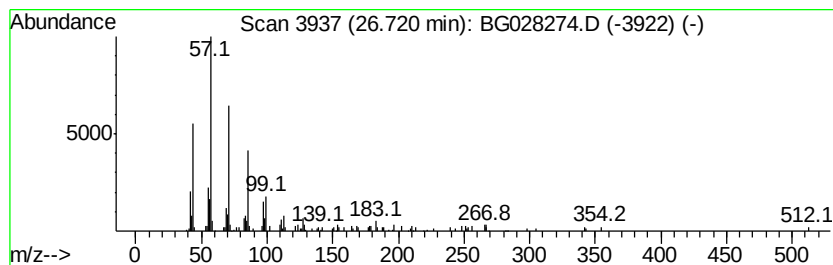
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.72	3.92 ng/ul	237800	Perylene-d12	25.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane	380	C27H56	000593-49-7	80
2		Heneicosane	296	C21H44	000629-94-7	80
3		Dodecane, 2-methyl-	184	C13H28	001560-97-0	74
4		Octacosane	394	C28H58	000630-02-4	72
5		Sulfurous acid, butyl nonyl ester	264	C13H28O3S	1000309-17-6	64



Data Path : Z:\HPCHEM1\BNA G\Data\BG081017\
Data File : BG028274.D
Acq On : 11 Aug 2017 1:18
Operator : SJ/JU
Sample : I4529-21
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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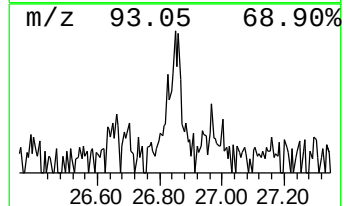
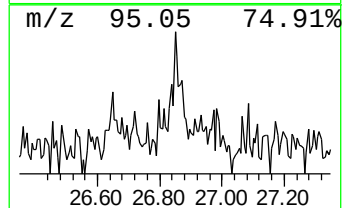
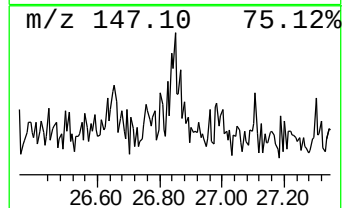
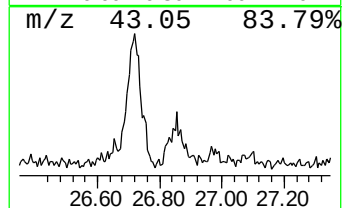
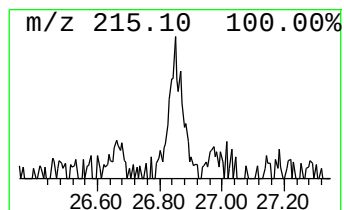
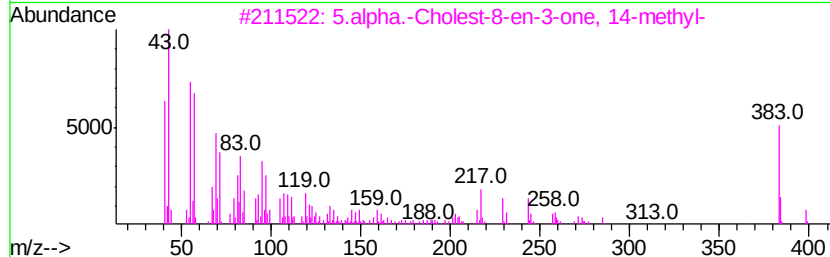
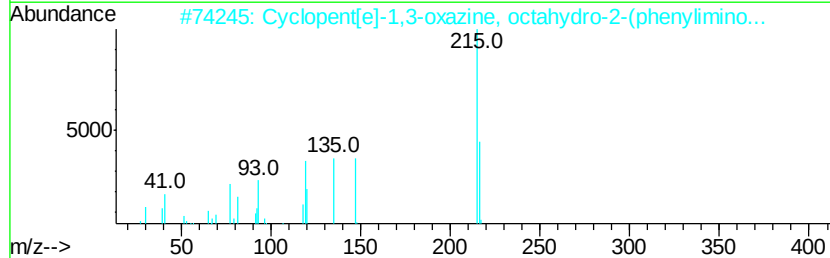
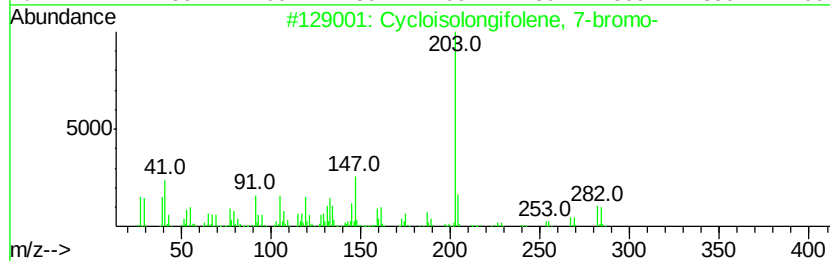
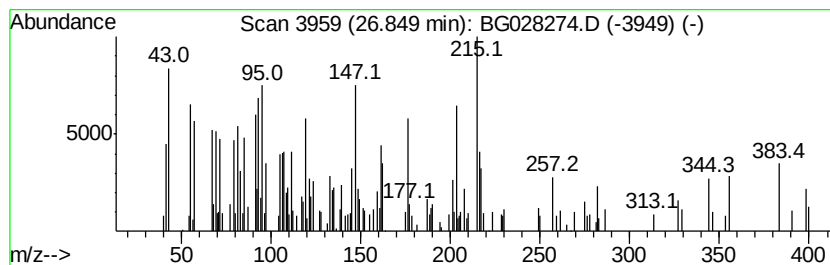
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 unknown-01 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.85	2.77 ng/ul	168085	Perylene-d12	25.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cycloisolongifolene, 7-bromo-	282	C15H23Br	1000155-47-3	44
2		Cyclopent[el]-1,3-oxazine, octahy...	216	C13H16N2O	1000138-92-2	38
3		5.alpha.-Cholest-8-en-3-one, 14-...	398	C28H46O	005234-53-7	25
4		5.beta.,6.beta.-Epoxy-17-oxo-6.a...	390	C24H38O4	1000074-87-1	25
5		Formic acid, 1-(4-trifluoromethy...	249	C9H10F3N3O2	1000269-79-5	25



Data Path : Z:\HPCHEM1\BNA G\Data\BG081017\
Data File : BG028274.D
Acq On : 11 Aug 2017 1:18
Operator : SJ/JU
Sample : I4529-21
Misc :
ALS Vial : 19 Sample Multiplier: 1

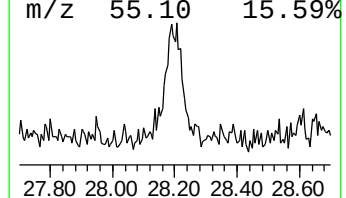
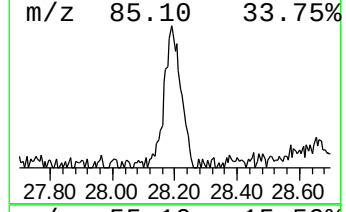
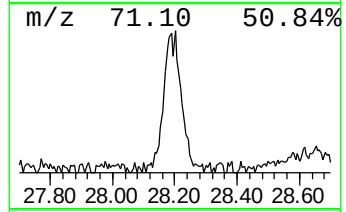
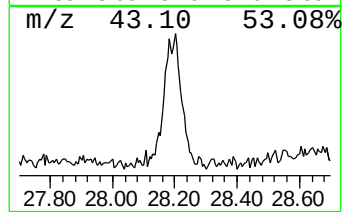
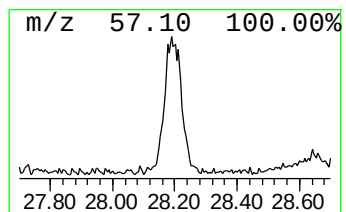
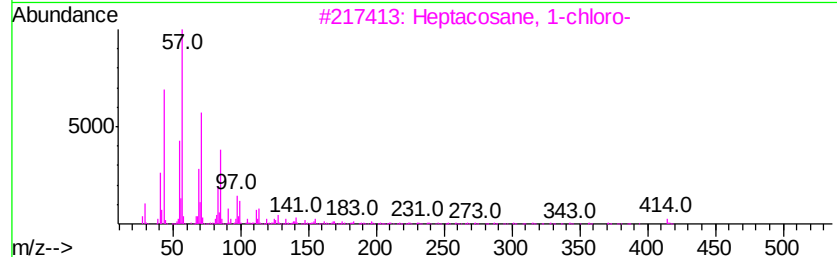
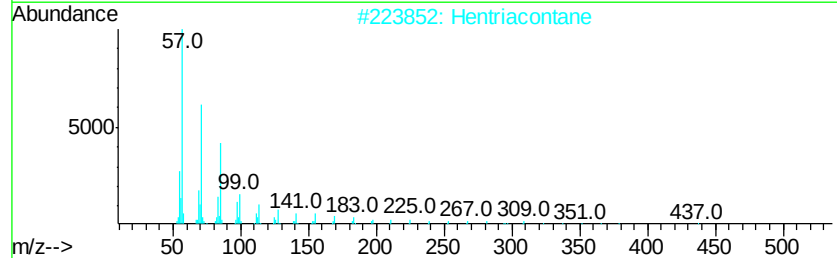
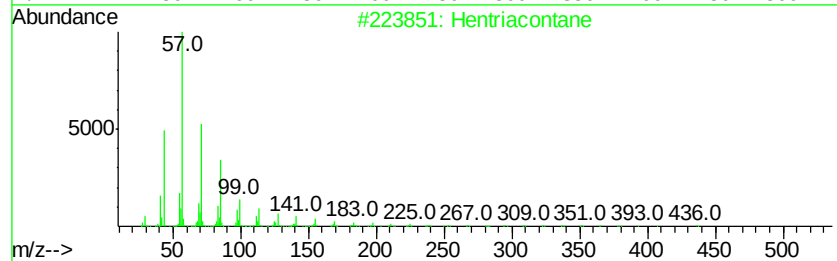
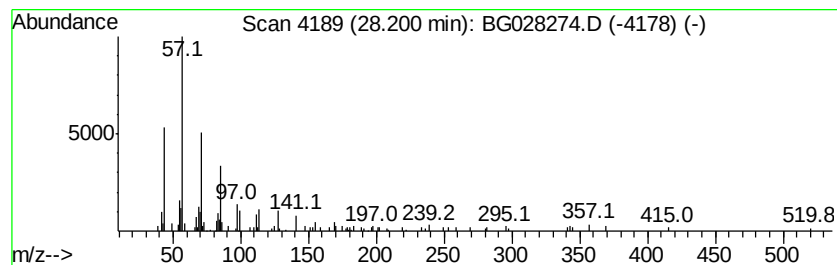
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.20	2.97 ng/ul	180629	Perylene-d12	25.54
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Hentriacontane	437 C31H64	000630-04-6 87
2		Hentriacontane	437 C31H64	000630-04-6 81
3		Heptacosane, 1-chloro-	414 C27H55Cl	062016-79-9 80
4		Tetratetracontane	619 C44H90	007098-22-8 80
5		Nonadecane, 3-methyl-	282 C20H42	006418-45-7 80



Data Path : Z:\HPCHEM1\BNA G\Data\BG081017\
Data File : BG028274.D
Acq On : 11 Aug 2017 1:18
Operator : SJ/JU
Sample : I4529-21
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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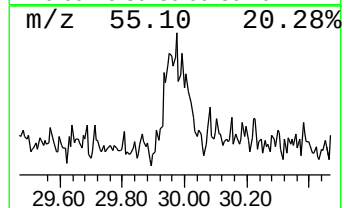
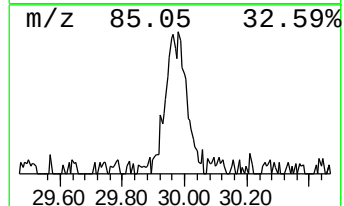
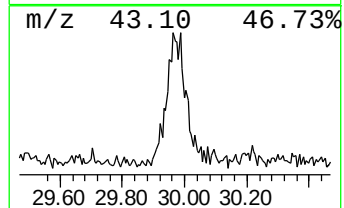
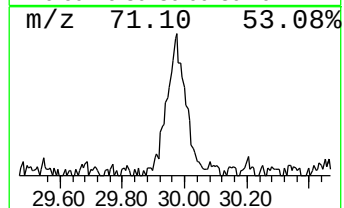
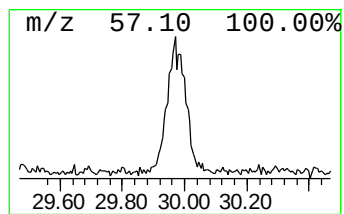
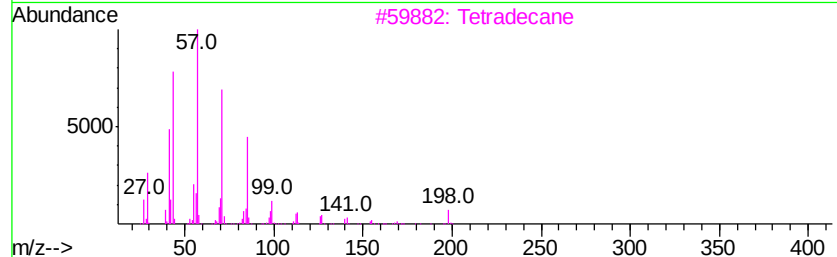
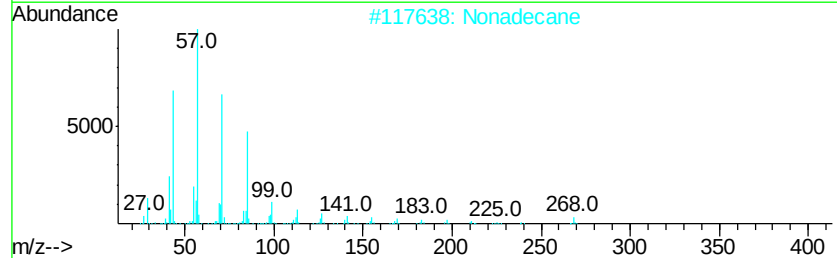
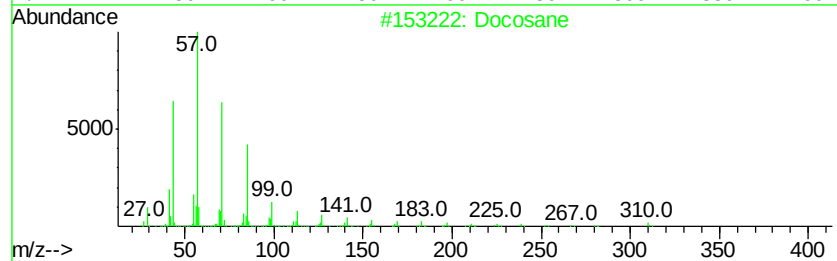
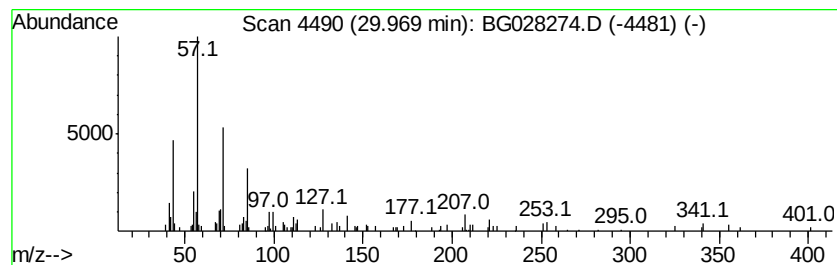
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
29.97	2.88 ng/ul	174635	Perylene-d12	25.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Docosane	310	C22H46	000629-97-0	86
2		Nonadecane	268	C19H40	000629-92-5	76
3		Tetradecane	198	C14H30	000629-59-4	70
4		Docosane	310	C22H46	000629-97-0	70
5		Tetracosane, 11-decyl-	479	C34H70	055429-84-0	64



Data Path : Z:\HPCHEM1\BNA_G\Data\BG081017\
Data File : BG028274.D
Acq On : 11 Aug 2017 1:18
Operator : SJ/JU
Sample : I4529-21
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Tridecanoic acid	18.56	4.0	ng/ul	196410	4	17.71	990939	20.0
Tetradecanoic acid	19.82	2.7	ng/ul	133018	4	17.71	990939	20.0
Octadecanal	21.60	3.0	ng/ul	170075	5	22.04	1132880	20.0
(DEL) Alkane: Str...	26.72	3.9	ng/ul	237800	6	25.54	1214490	20.0
unknown-01	26.85	2.8	ng/ul	168085	6	25.54	1214490	20.0
(DEL) Alkane: Str...	28.20	3.0	ng/ul	180629	6	25.54	1214490	20.0
(DEL) Alkane: Str...	29.97	2.9	ng/ul	174635	6	25.54	1214490	20.0