

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012720\
 Data File : BG044214.D
 Acq On : 27 Jan 2020 14:06
 Operator : CG/JU
 Sample : L1173-06
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 0048-SITE-WATER

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0
 Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG123019.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.509	405	412	426	rBV	696873	1142959	19.79%	3.932%
2	7.096	676	682	697	rBV	496581	975052	16.88%	3.355%
3	7.930	817	824	832	rBV	330811	568098	9.83%	1.955%
4	8.253	871	879	889	rBV	1229317	2201659	38.12%	7.575%
5	9.087	1012	1021	1036	rBV	995371	1845719	31.95%	6.350%
6	10.733	1293	1301	1321	rBV	446897	870357	15.07%	2.995%
7	13.189	1712	1719	1741	rBV	2740327	4686200	81.13%	16.123%
8	14.017	1855	1860	1872	rBV	151023	251890	4.36%	0.867%
9	14.569	1944	1954	1970	rBV	779039	1300558	22.52%	4.475%
10	15.374	2084	2091	2096	rBV2	57708	86514	1.50%	0.298%
11	15.868	2169	2175	2182	rBV	369271	491566	8.51%	1.691%
12	16.056	2200	2207	2233	rBV	1943919	3231903	55.95%	11.120%
13	17.307	2412	2420	2432	rBV	843372	1395232	24.15%	4.800%
14	19.928	2859	2866	2879	rBV	4149613	5776311	100.00%	19.874%
15	21.238	3084	3089	3100	rBV2	64928	177833	3.08%	0.612%
16	21.555	3137	3143	3154	rBV	839639	1458654	25.25%	5.019%
17	22.360	3275	3280	3286	rBV	66374	102180	1.77%	0.352%
18	23.030	3389	3394	3402	rVB	86840	158408	2.74%	0.545%
19	23.218	3419	3426	3434	rBV2	254615	485061	8.40%	1.669%
20	23.817	3520	3528	3535	rBV2	90924	186522	3.23%	0.642%
21	24.669	3662	3673	3681	rBV	502942	1515005	26.23%	5.213%
22	25.821	3860	3869	3882	rVB4	56663	157042	2.72%	0.540%

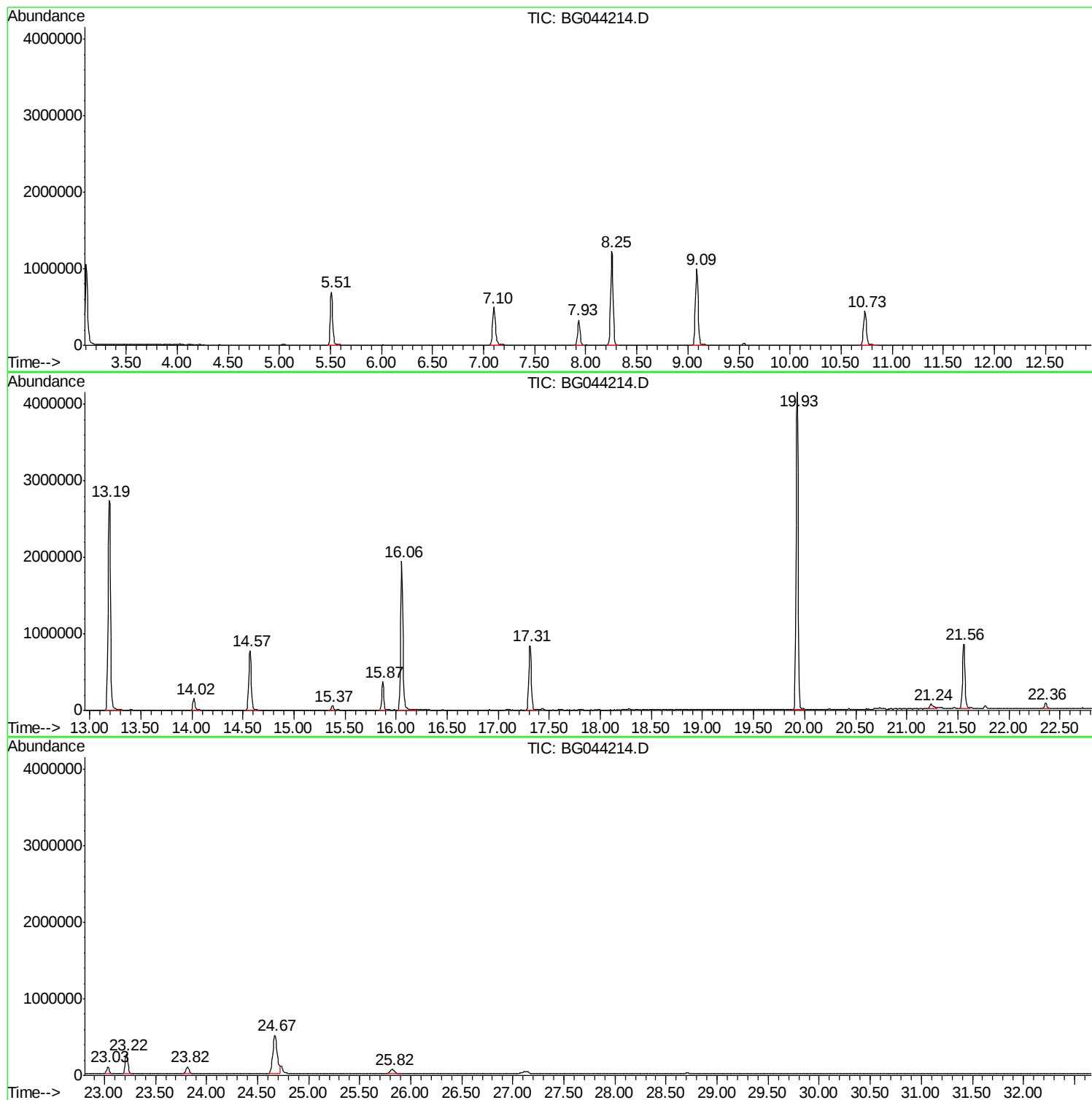
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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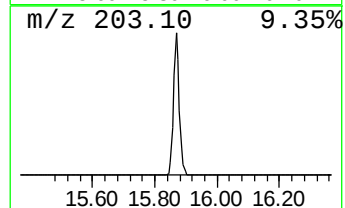
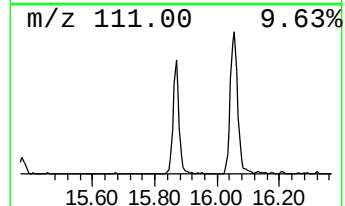
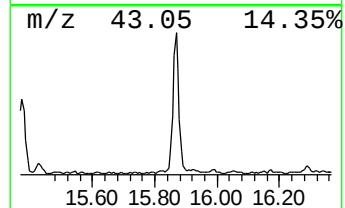
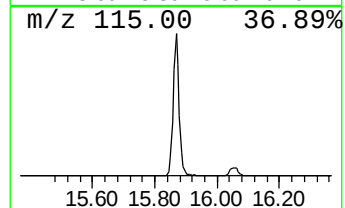
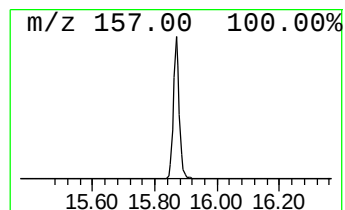
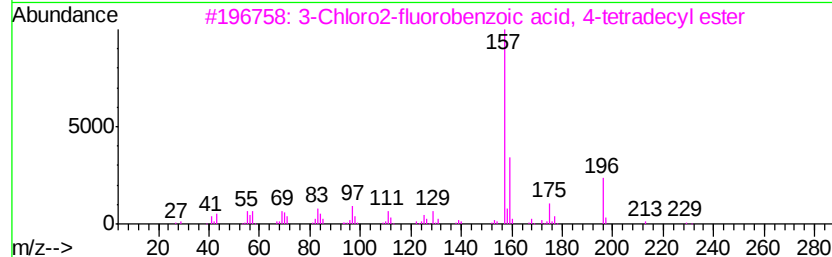
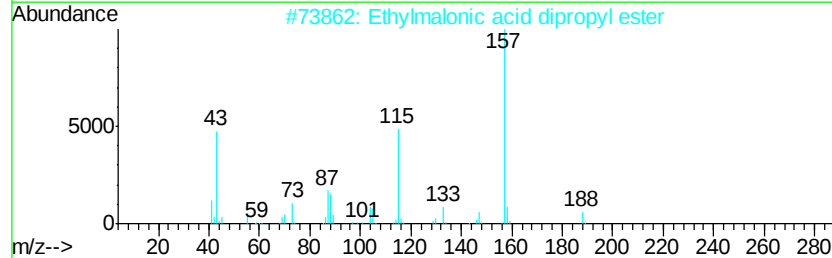
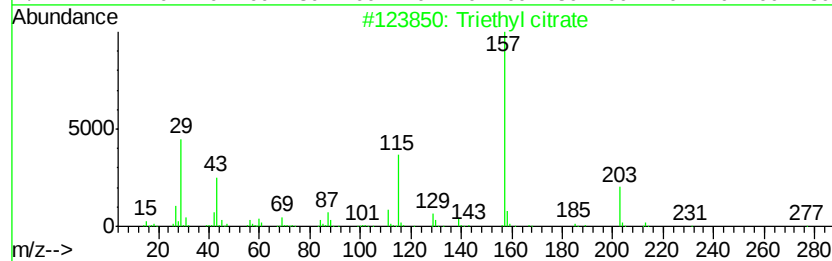
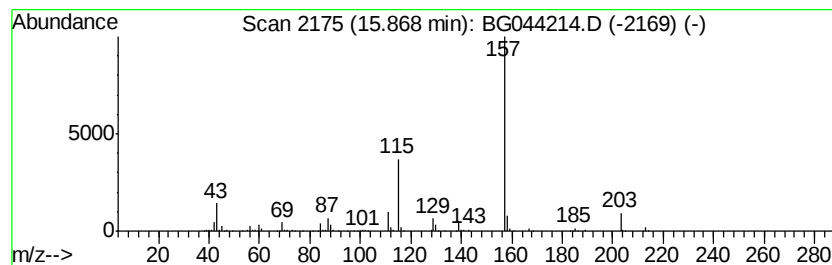
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Triethyl citrate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.87	7.56 ng	491566	Acenaphthene-d10	14.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Triethyl citrate	276	C12H20O7	000077-93-0	86
2		Ethylmalonic acid dipropyl ester	216	C11H20O4	001113-91-3	59
3		3-Chloro2-fluorobenzoic acid, 4-...	370	C21H32ClF02	1000338-64-7	42
4		Quinoline, 4,8-dimethyl-	157	C11H11N	013362-80-6	38
5		3-Chloro2-fluorobenzoic acid, 4-...	384	C22H34ClF02	1000338-65-1	36



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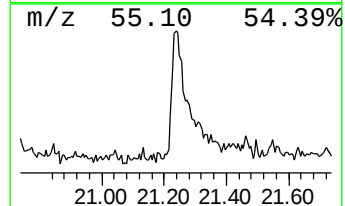
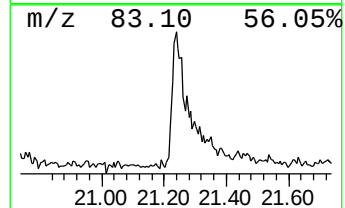
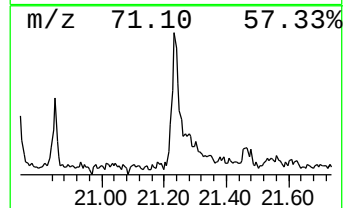
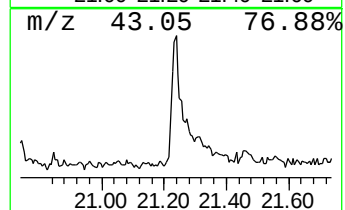
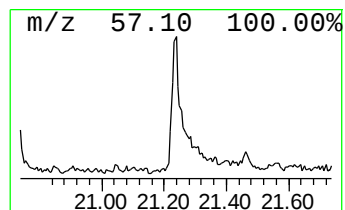
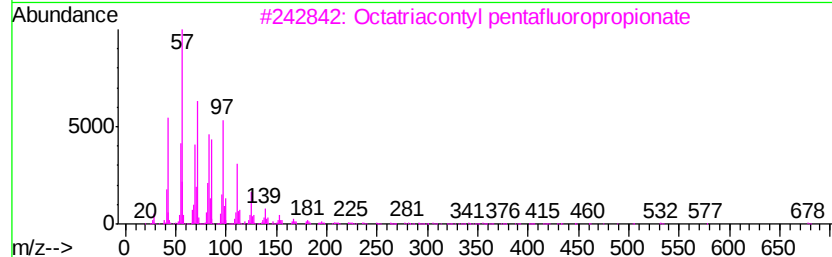
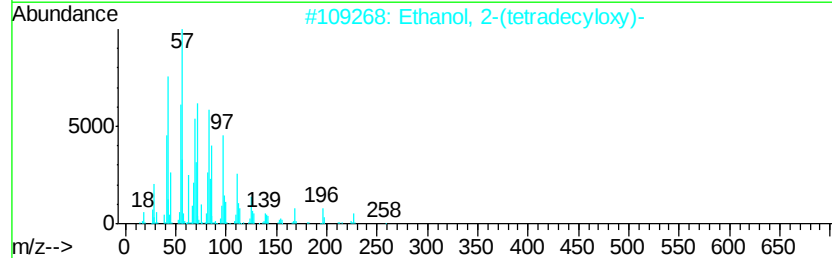
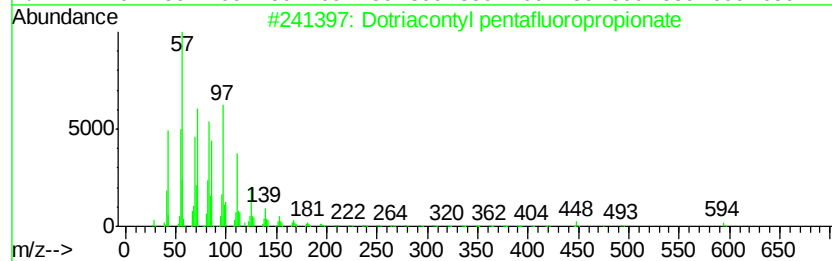
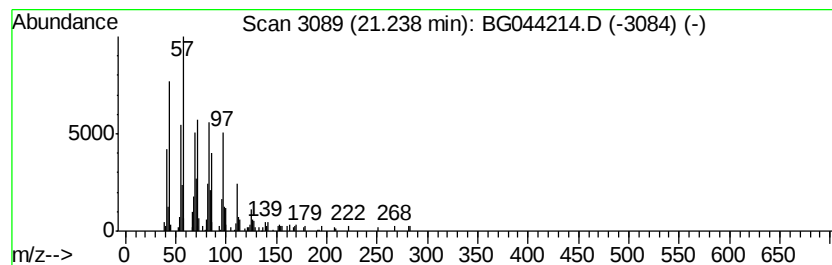
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Peak Number 3 Dotriacontyl pentafluoropro... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.24	2.44 ng	177833	Chrysene-d12	21.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dotriacontyl pentafluoropropionate	612	C35H65F5O2	1000351-81-4	91
2		Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	90
3		Octatriacontyl pentafluoropropio...	697	C41H77F5O2	1000351-89-1	83
4		17-Pentatriacontene	491	C35H70	006971-40-0	83
5		Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	81



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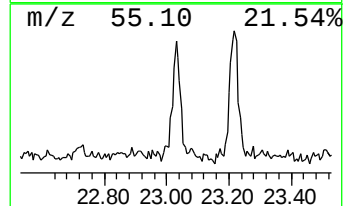
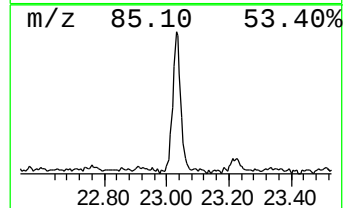
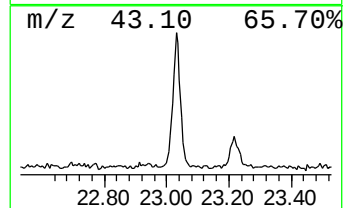
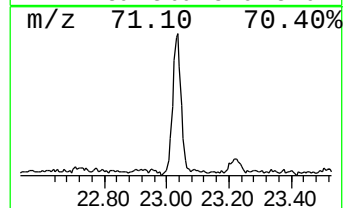
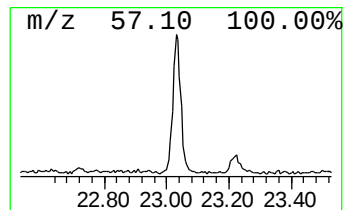
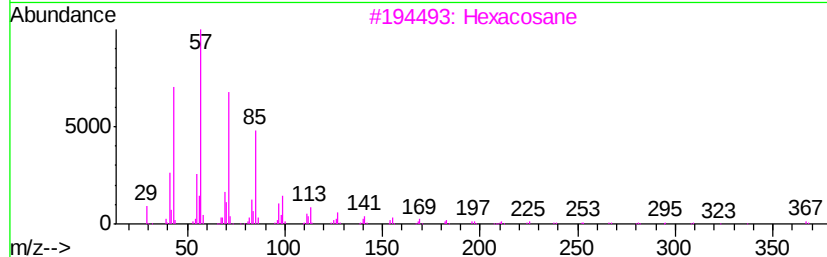
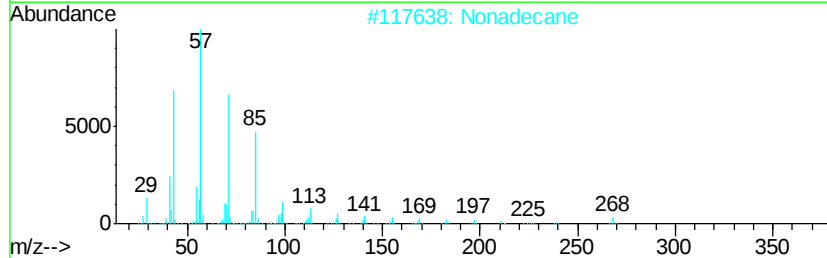
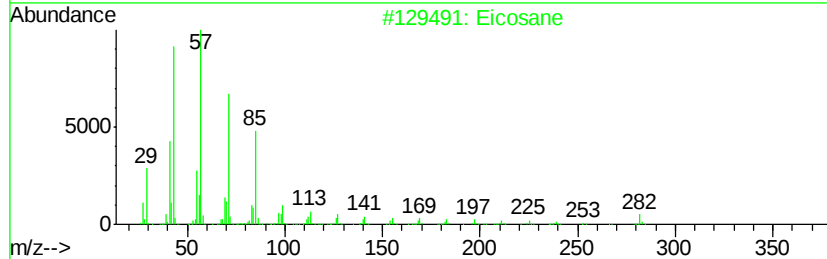
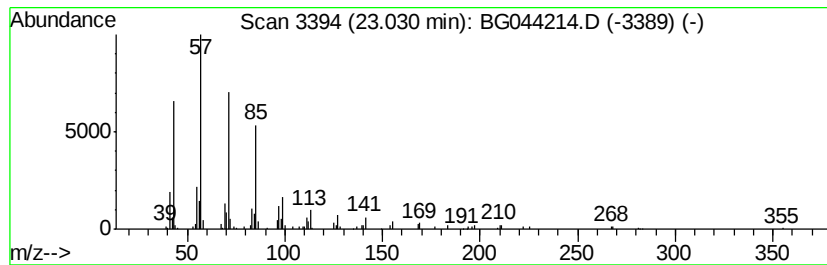
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Peak Number 4 Eicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.03	2.17 ng	158408	Chrysene-d12	21.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	95
2		Nonadecane	268	C19H40	000629-92-5	94
3		Hexacosane	366	C26H54	000630-01-3	91
4		Tetracosane	338	C24H50	000646-31-1	91
5		Heneicosane	296	C21H44	000629-94-7	90



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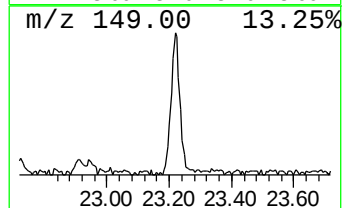
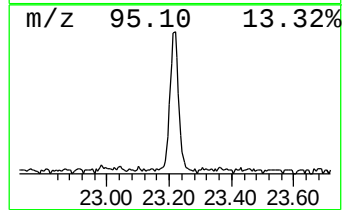
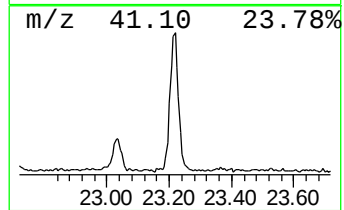
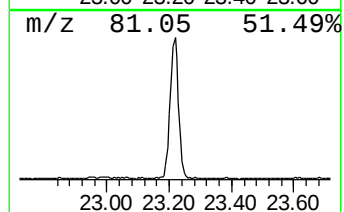
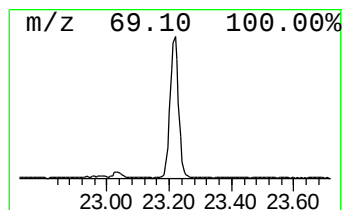
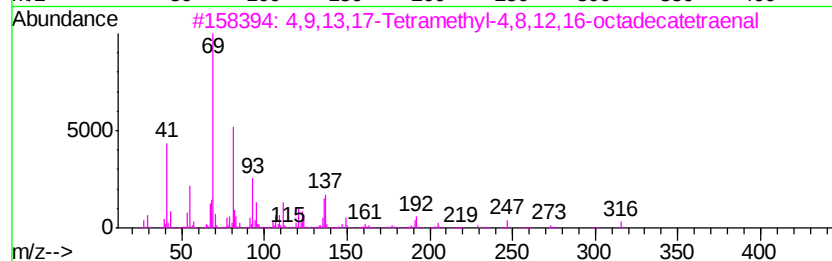
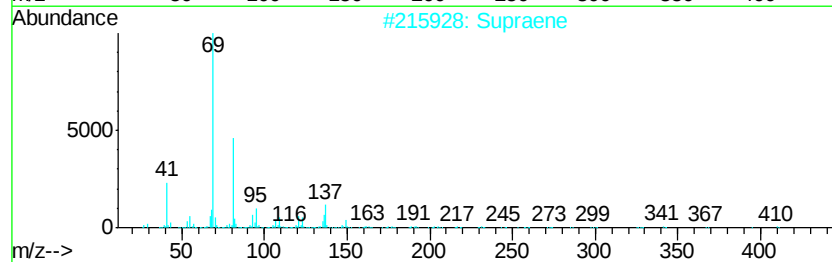
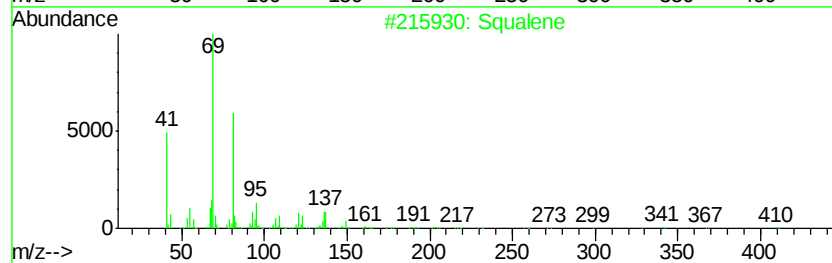
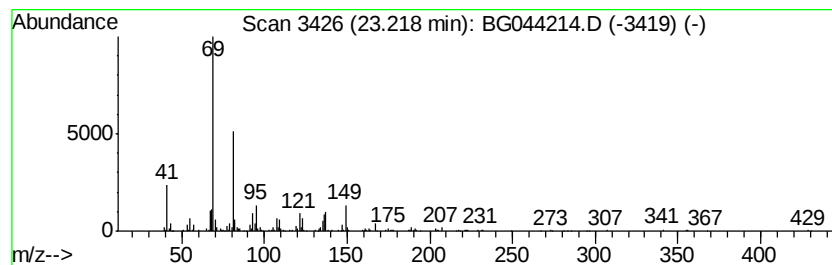
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Peak Number 5 Squalene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.22	6.40 ng	485061	Perylene-d12	24.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Squalene	410	C30H50	000111-02-4	87
2		Supraene	410	C30H50	007683-64-9	83
3		4,9,13,17-Tetramethyl-4,8,12,16-...	316	C22H36O	056882-09-8	72
4		2,6,10,14,18-Pentamethyl-2,6,10,...	342	C25H42	075581-03-2	64
5		2,6,10-Dodecatrien-1-ol, 3,7,11-...	264	C17H28O2	004128-17-0	59



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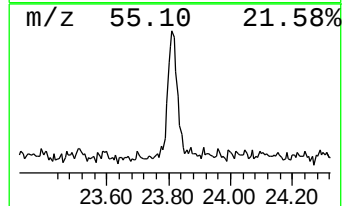
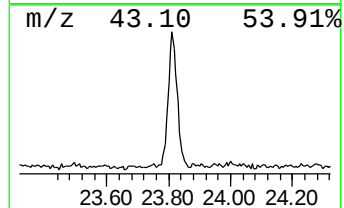
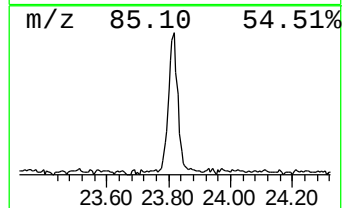
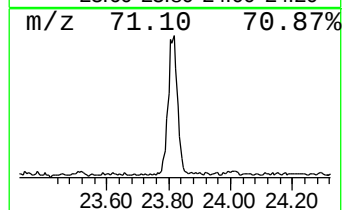
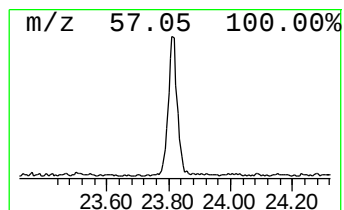
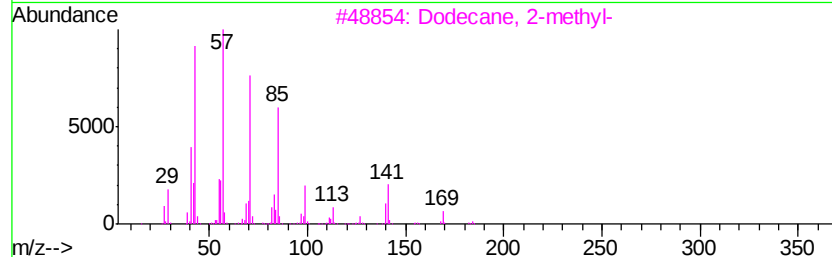
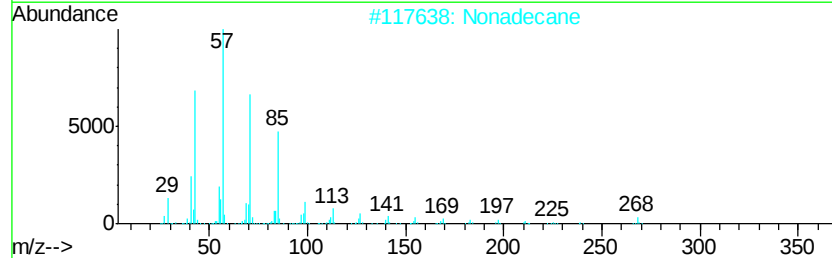
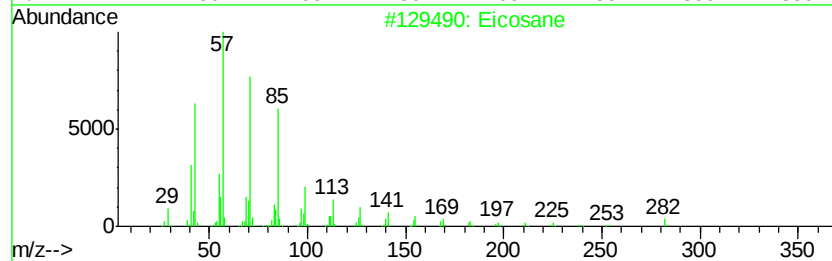
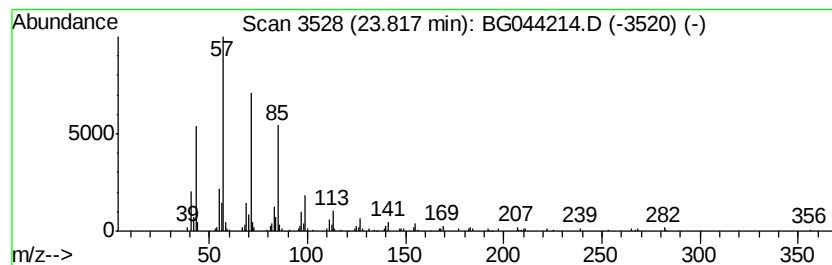
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Peak Number 6 Nonadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.82	2.46 ng	186522	Perylene-d12	24.67

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane		282	C20H42	000112-95-8	97
2	Nonadecane		268	C19H40	000629-92-5	94
3	Dodecane, 2-methyl-		184	C13H28	001560-97-0	90
4	Heneicosane		296	C21H44	000629-94-7	90
5	2-methyloctacosane		408	C29H60	1000376-72-8	90



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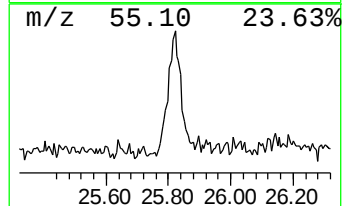
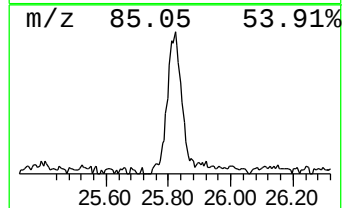
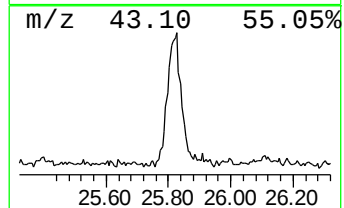
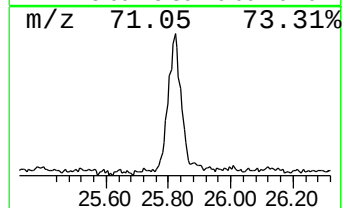
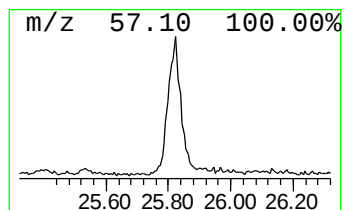
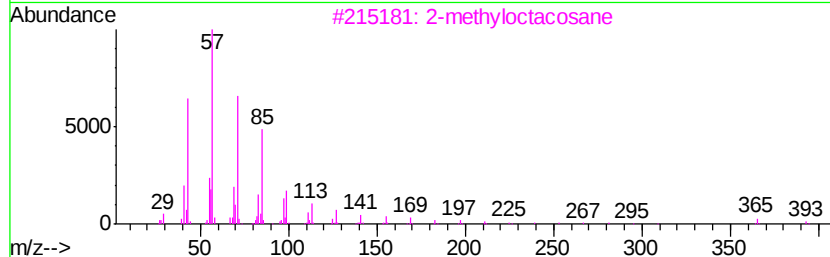
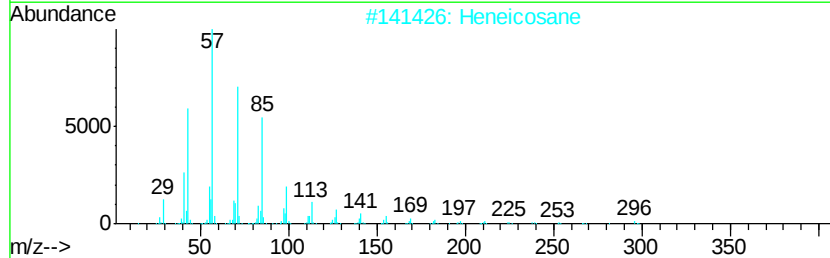
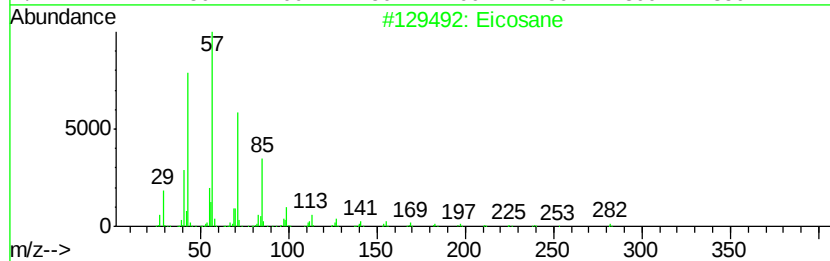
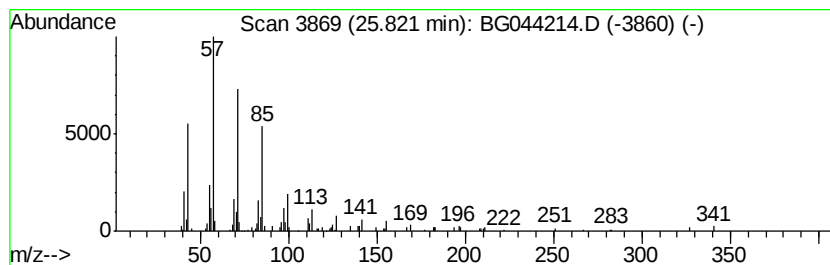
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Heneicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.82	2.07 ng	157042	Perylene-d12	24.67

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane		282	C20H42	000112-95-8	94
2	Heneicosane		296	C21H44	000629-94-7	91
3	2-methyloctacosane		408	C29H60	1000376-72-8	91
4	Tetracosane		338	C24H50	000646-31-1	91
5	Tetracosane, 11-decyl-		479	C34H70	055429-84-0	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG012720\
Data File : BG044214.D
Acq On : 27 Jan 2020 14:06
Operator : CG/JU
Sample : L1173-06
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
0048-SITE-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT 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
Triethyl citrate	15.87	7.6 ng		491566	3	14.57	1300560	20.0
Dotriacontyl pent...	21.24	2.4 ng		177833	5	21.56	1458650	20.0
Eicosane	23.03	2.2 ng		158408	5	21.56	1458650	20.0
Squalene	23.22	6.4 ng		485061	6	24.67	1515010	20.0
Nonadecane	23.82	2.5 ng		186522	6	24.67	1515010	20.0
Heneicosane	25.82	2.1 ng		157042	6	24.67	1515010	20.0