

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061423\
 Data File : BG057708.D
 Acq On : 14 Jun 2023 15:08
 Operator : CG/JU
 Sample : 03141-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CMC-EME-Topsoil-002

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % 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_G\Methods\8270-BG061323.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG057708.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.123	3	6	13	rVB	94162	125069	11.13%	0.905%
2	4.134	173	178	183	rBV	10966	15711	1.40%	0.114%
3	5.045	328	333	340	rBV	15712	23397	2.08%	0.169%
4	5.509	405	412	423	rVB	425425	658969	58.64%	4.767%
5	7.095	674	682	690	rBV	431340	741266	65.97%	5.362%
6	7.935	818	825	834	rVB	155483	258347	22.99%	1.869%
7	9.099	1015	1023	1031	rBV	222379	389440	34.66%	2.817%
8	10.744	1291	1303	1310	rVB	221629	407401	36.26%	2.947%
9	13.194	1713	1720	1729	rVB	605711	920260	81.90%	6.657%
10	14.569	1948	1954	1962	rVB	354082	552245	49.15%	3.995%
11	15.926	2179	2185	2190	rVB	87621	123466	10.99%	0.893%
12	16.055	2200	2207	2217	rBV	474204	716358	63.75%	5.182%
13	17.313	2414	2421	2428	rBV	446265	665368	59.21%	4.813%
14	17.401	2431	2436	2440	rBV2	14323	18734	1.67%	0.136%
15	18.206	2568	2573	2581	rBV2	66086	97785	8.70%	0.707%
16	19.017	2706	2711	2715	rBV4	10194	14487	1.29%	0.105%
17	19.099	2720	2725	2729	rVV7	9242	14219	1.27%	0.103%
18	19.134	2729	2731	2737	rVB4	12177	14795	1.32%	0.107%
19	19.363	2767	2770	2776	rVB	10545	17095	1.52%	0.124%
20	19.422	2777	2780	2785	rVB6	12786	14404	1.28%	0.104%
21	19.481	2786	2790	2794	rBV3	20386	26510	2.36%	0.192%
22	19.663	2818	2821	2825	rBV	81681	94668	8.42%	0.685%
23	19.716	2826	2830	2837	rVB2	35967	52875	4.71%	0.382%
24	19.927	2861	2866	2871	rVV	857226	1123679	100.00%	8.128%
25	19.968	2871	2873	2877	rVB3	15736	14846	1.32%	0.107%
26	20.245	2916	2920	2926	rVB	101687	110719	9.85%	0.801%
27	20.521	2964	2967	2971	rBV3	9784	11760	1.05%	0.085%
28	20.574	2971	2976	2979	rVV7	16067	22031	1.96%	0.159%
29	20.738	2998	3004	3011	rVB	168123	206869	18.41%	1.496%
30	21.049	3053	3057	3064	rVB	60234	79574	7.08%	0.576%
31	21.238	3083	3089	3098	rBV2	269257	452786	40.29%	3.275%
32	21.567	3139	3145	3152	rBV2	402223	647432	57.62%	4.683%
33	21.778	3170	3181	3199	rVB	264829	711601	63.33%	5.147%
34	22.383	3277	3284	3293	rBV	228156	412062	36.67%	2.981%
35	22.712	3336	3340	3342	rBV5	9304	13815	1.23%	0.100%
36	23.065	3392	3400	3413	rVB	182414	358116	31.87%	2.590%

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37	23.253	3426	3432	3439	rBV	62935	119940	10.67%	0.868%
38	23.864	3528	3536	3554	rVB	194983	480480	42.76%	3.476%
39	24.728	3674	3683	3691	rBV	249973	684282	60.90%	4.950%
40	24.804	3691	3696	3708	rVB	112463	276534	24.61%	2.000%
41	25.409	3792	3799	3807	rBV	12983	36966	3.29%	0.267%
42	25.626	3828	3836	3843	rBV5	12923	35607	3.17%	0.258%
43	25.926	3878	3887	3898	rBV2	99107	291210	25.92%	2.106%
44	26.038	3901	3906	3916	rVB8	23064	64504	5.74%	0.467%
45	26.473	3970	3980	3993	rBV8	86797	274981	24.47%	1.989%
46	26.913	4049	4055	4060	rBV9	19848	53672	4.78%	0.388%
47	27.001	4062	4070	4080	rVB6	66768	212509	18.91%	1.537%
48	27.272	4106	4116	4127	rBV4	51519	181495	16.15%	1.313%
49	28.899	4379	4393	4407	rBV4	53198	244582	21.77%	1.769%
50	29.998	4565	4580	4590	rBV4	67699	347723	30.95%	2.515%
51	30.115	4593	4600	4615	rVB4	51699	218729	19.47%	1.582%
52	30.527	4665	4670	4672	rBV6	11679	18436	1.64%	0.133%
53	30.838	4713	4723	4724	rBV8	30479	74123	6.60%	0.536%
54	31.473	4823	4831	4843	rBV8	14617	59271	5.27%	0.429%
55	32.471	4994	5001	5004	rBV8	8194	21464	1.91%	0.155%

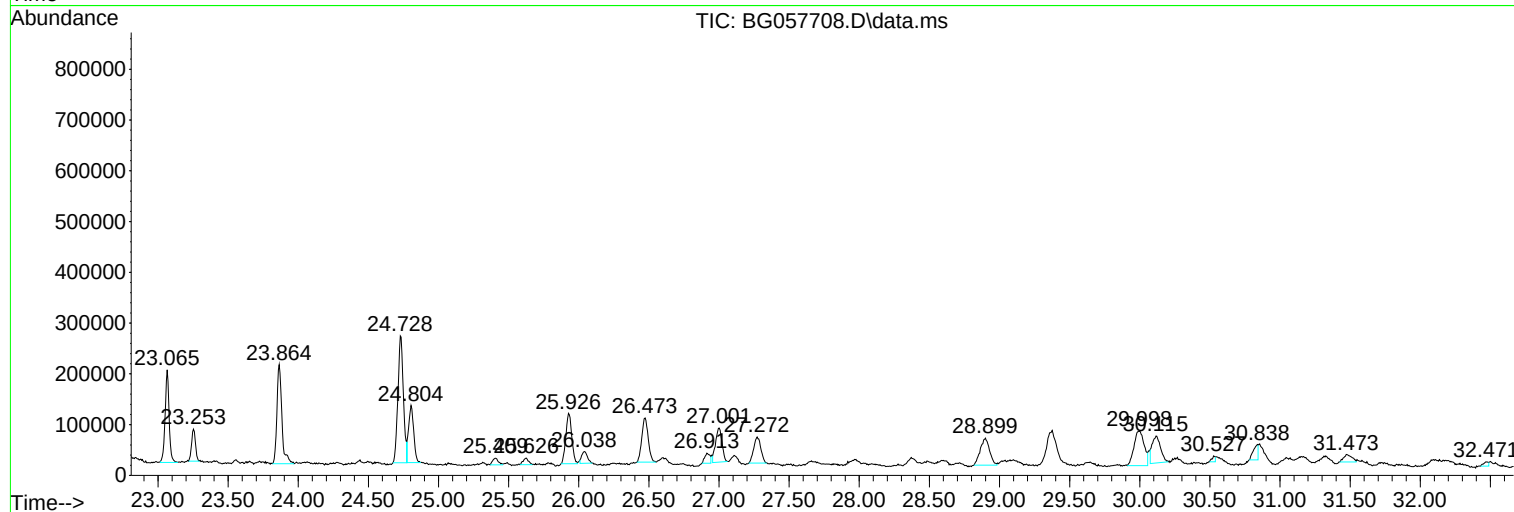
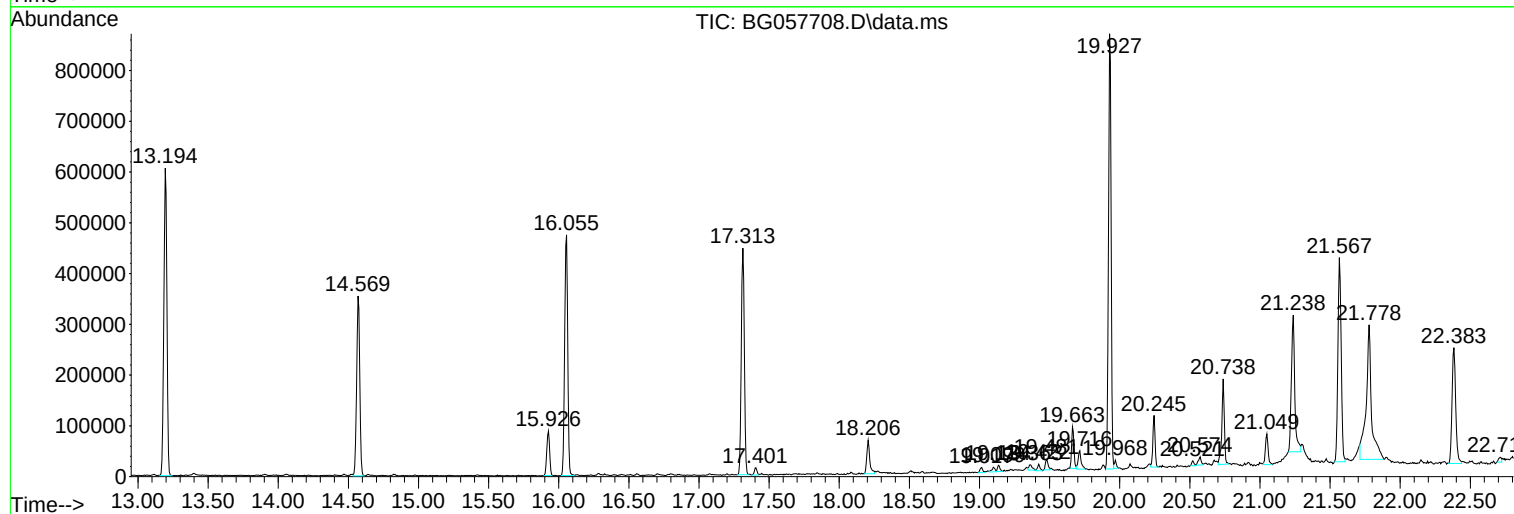
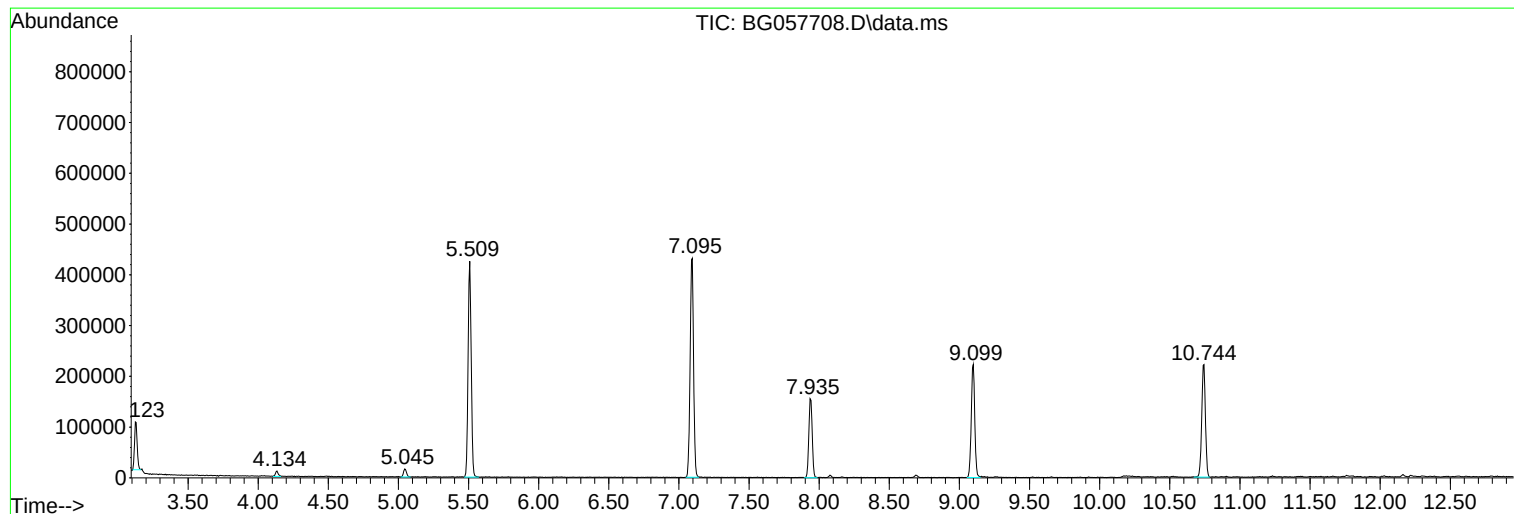
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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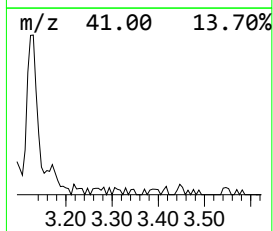
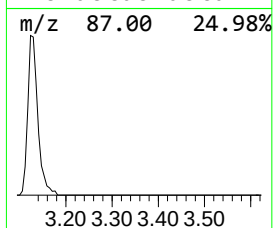
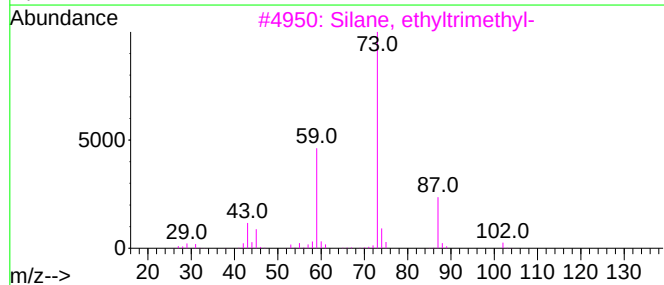
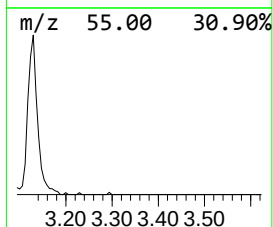
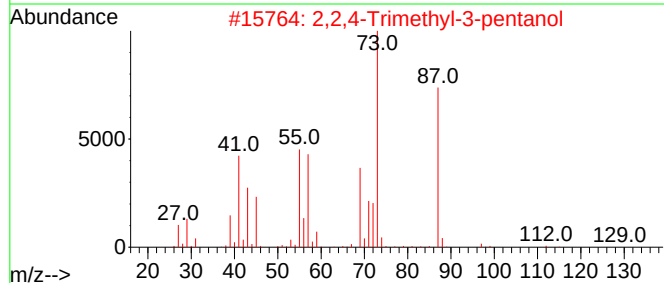
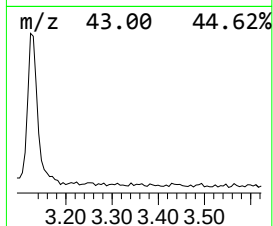
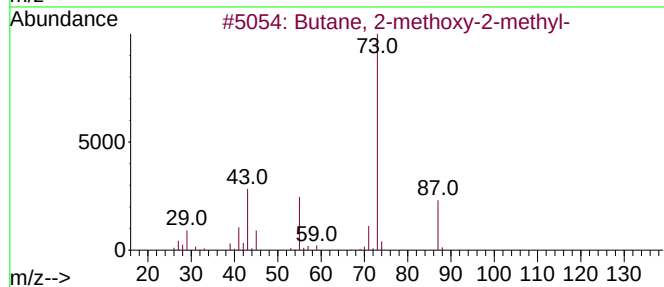
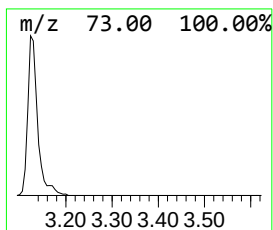
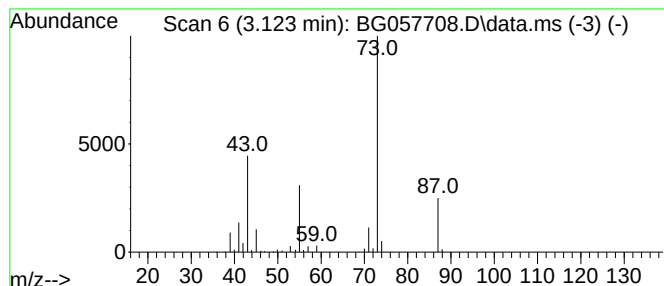
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.123	9.68 ng	125069	1,4-Dichlorobenzene-d4	7.935

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2			2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3			Silane, ethyltrimethyl-	102	C5H14Si	003439-38-1	33
4			1,3-Dioxolane, 2-propyl-	116	C6H12O2	003390-13-4	17
5			Silane, tetramethyl-	88	C4H12Si	000075-76-3	16



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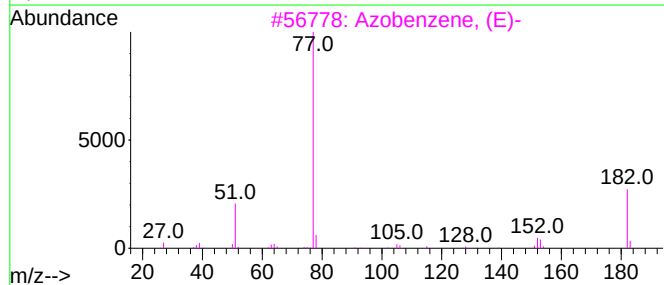
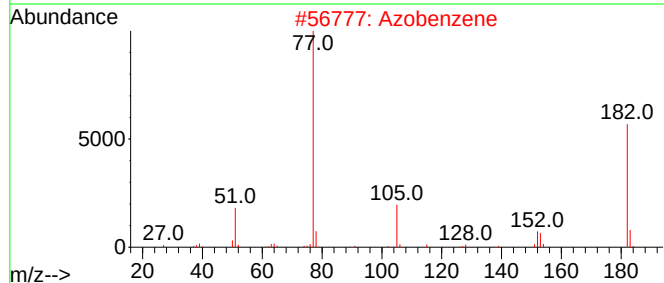
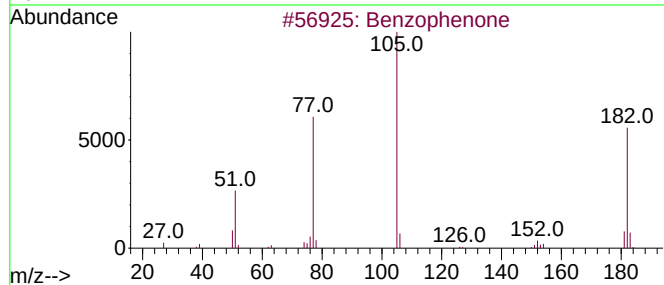
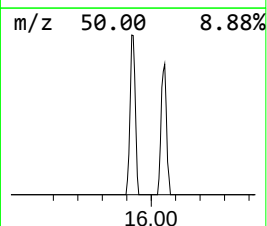
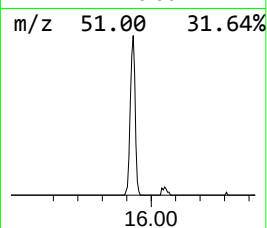
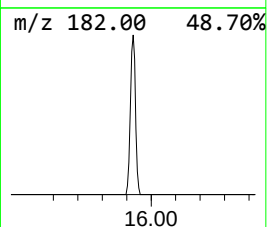
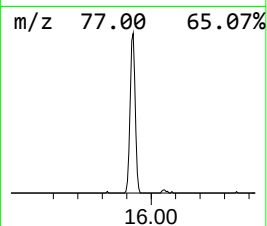
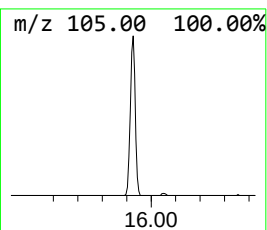
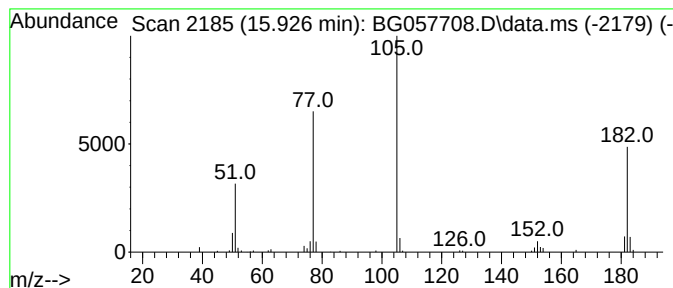
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Benzophenone Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.926	4.47 ng	123466	Acenaphthene-d10	14.569

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	95
2			Azobenzene	182	C12H10N2	000103-33-3	59
3			Azobenzene, (E)-	182	C12H10N2	017082-12-1	59
4			Pentafluoroethyl phenyl ketone	224	C9H5F5O	000394-52-5	47
5			1-Propanone, 3-chloro-1-phenyl-	168	C9H9ClO	000936-59-4	47



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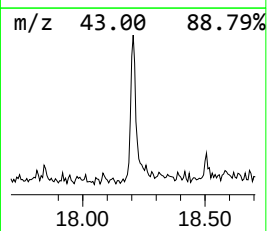
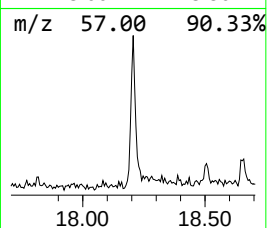
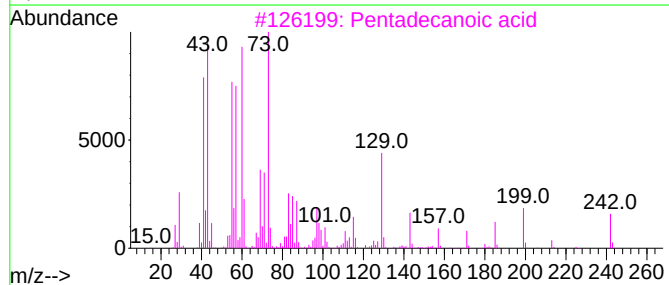
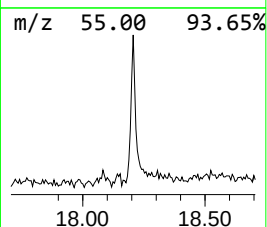
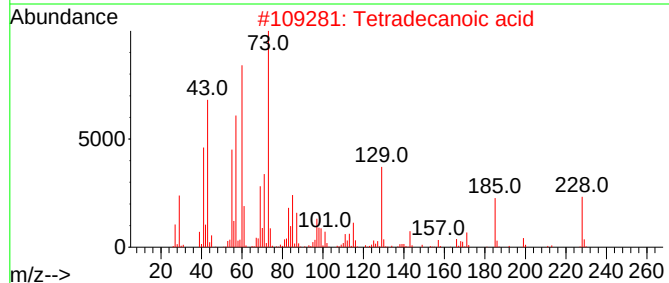
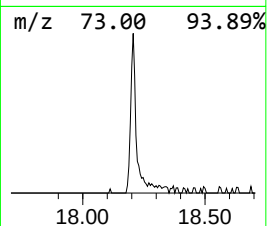
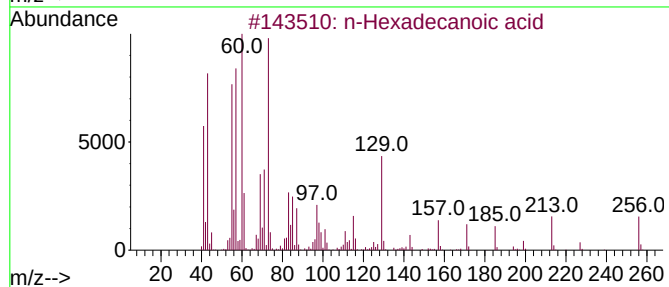
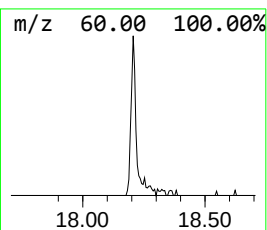
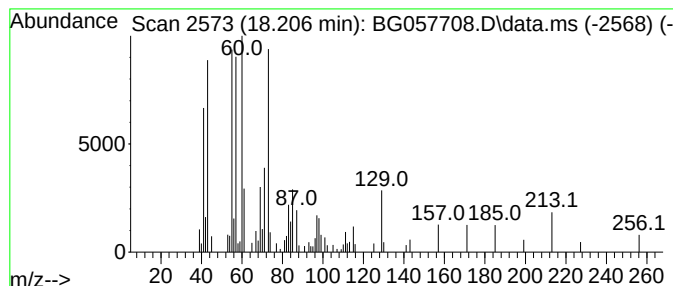
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TIC Library : C:\Database\NIST20.L
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Peak Number 3 n-Hexadecanoic acid Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.206	2.94 ng	97785	Phenanthrene-d10	17.313

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
2			Tetradecanoic acid	228	C14H28O2	000544-63-8	80
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	78
4			Carbonic acid, octadecyl prop-1-...	354	C22H42O3	1000383-11-5	11
5			Carbonic acid, undecyl vinyl ester	242	C14H26O3	1000382-54-9	11



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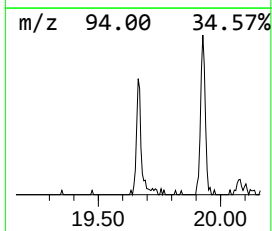
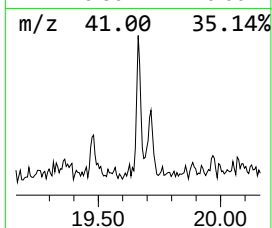
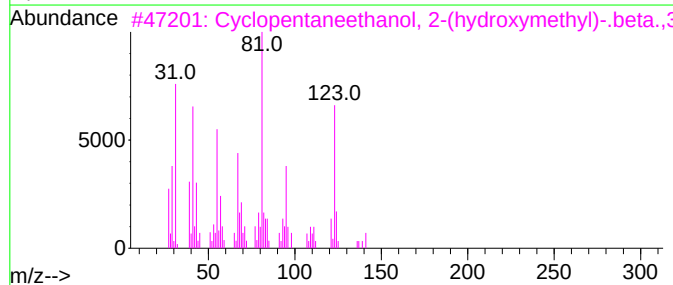
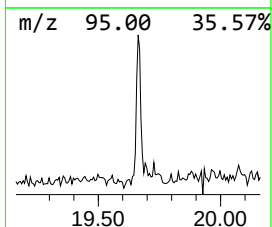
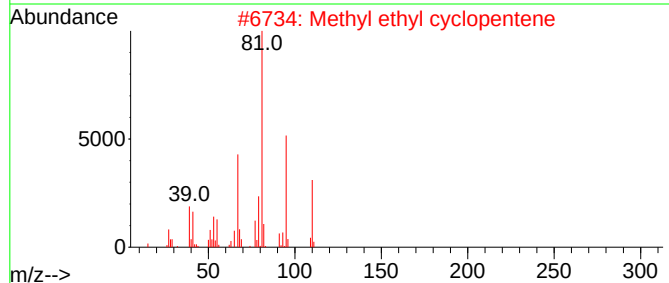
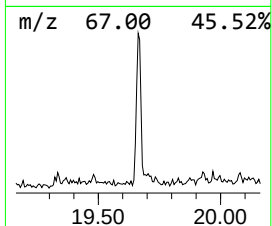
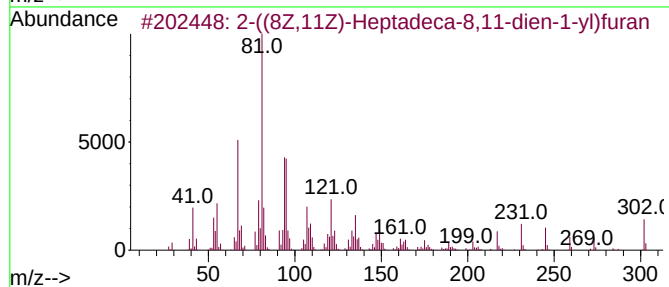
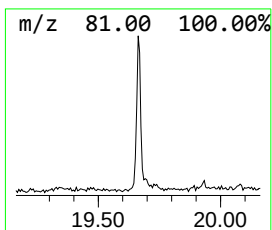
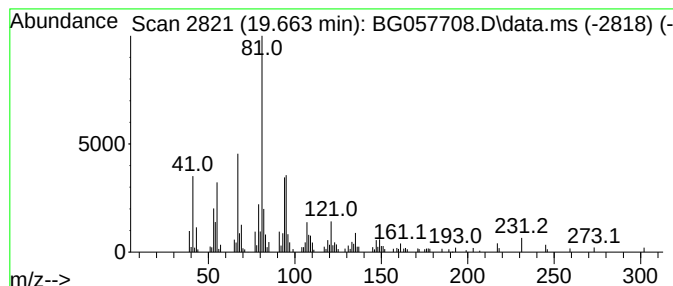
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 2-((8Z,11Z)-Heptadeca-8,11-... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.663	2.92 ng	94668	Chrysene-d12	21.567

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-((8Z,11Z)-Heptadeca-8,11-dien-...	302	C21H34O	148675-93-8	97		
2	Methyl ethyl cyclopentene	110	C8H14	019780-56-4	53		
3	Cyclopentaneethanol, 2-(hydroxym...	172	C10H20O2	000485-42-7	50		
4	Cyclohexene, 3-ethyl-	110	C8H14	002808-71-1	50		
5	Cyclohexene, 1-ethyl-	110	C8H14	001453-24-3	50		



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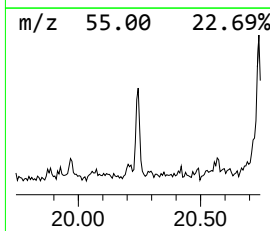
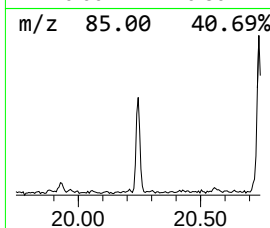
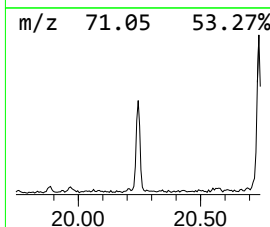
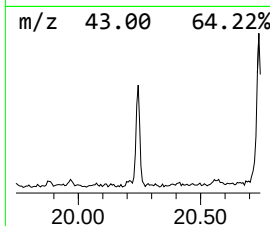
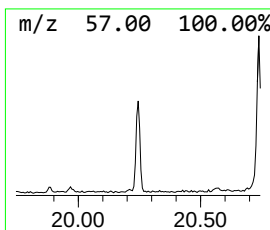
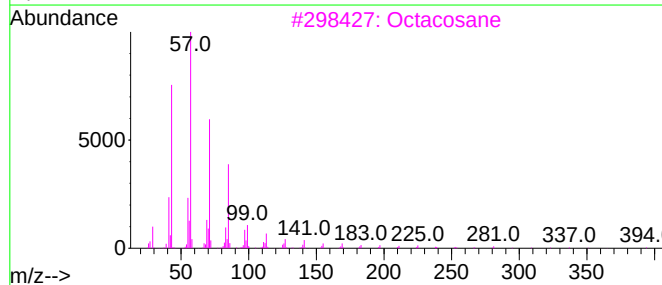
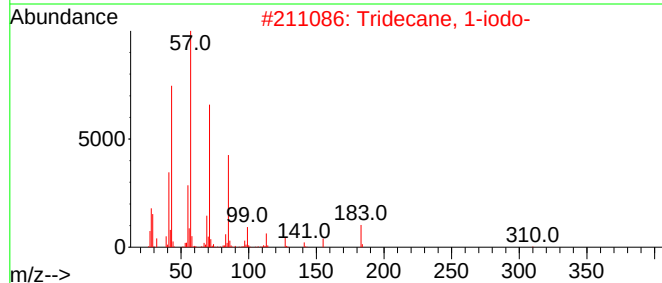
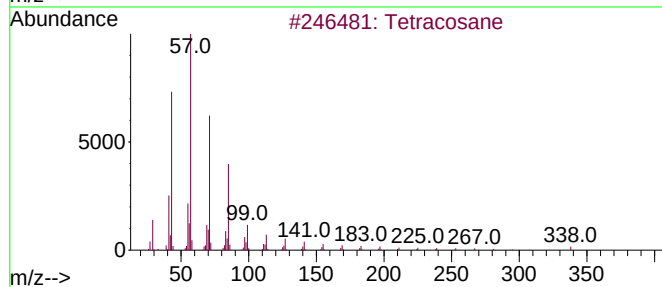
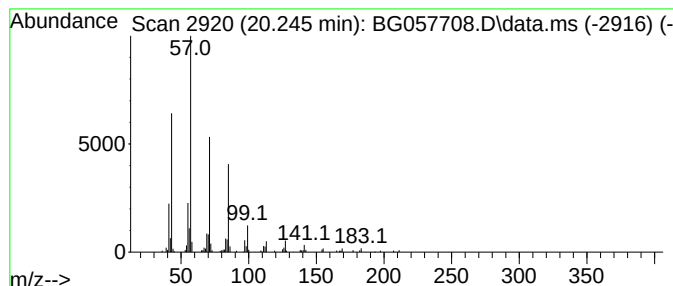
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Tetracosane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.244	3.42 ng	110719	Chrysene-d12	21.567

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetracosane	338	C24H50	000646-31-1	91
2			Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90
3			Octacosane	394	C28H58	000630-02-4	90
4			Heneicosane	296	C21H44	000629-94-7	90
5			Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061423\
Data File : BG057708.D
Acq On : 14 Jun 2023 15:08
Operator : CG/JU
Sample : 03141-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CMC-EME-Topsoil-002

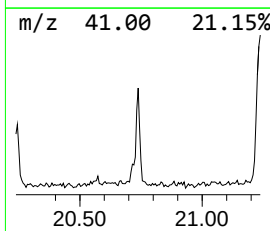
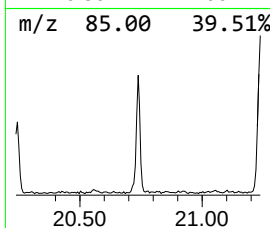
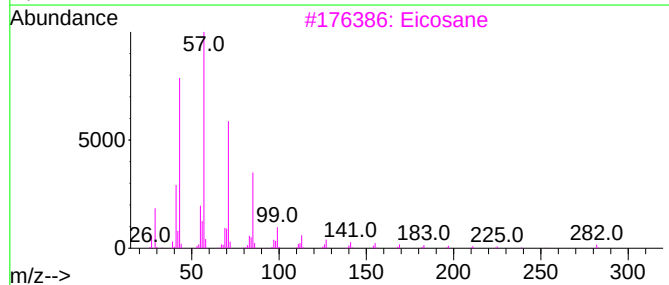
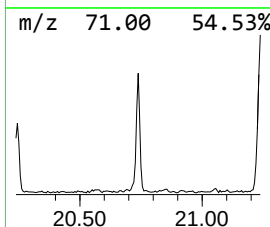
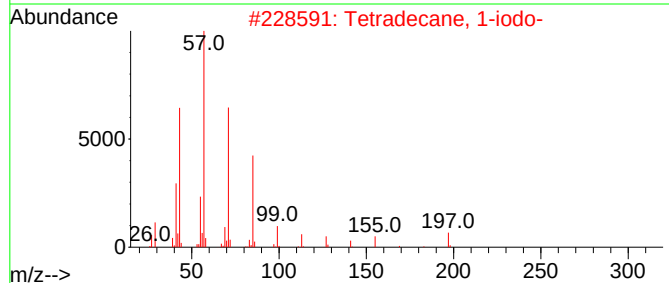
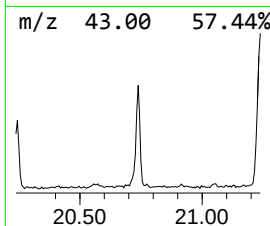
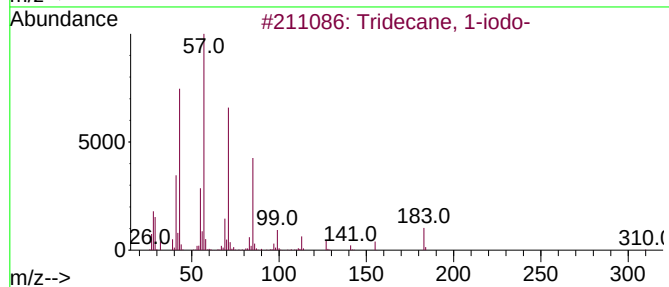
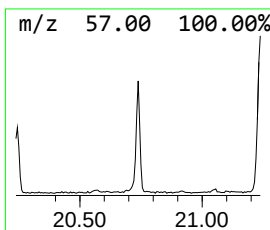
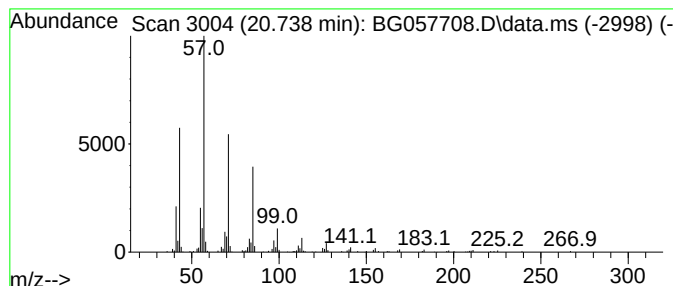
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Tridecane, 1-iodo- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.738	6.39 ng	206869	Chrysene-d12	21.567

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86
2			Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	86
3			Eicosane	282	C20H42	000112-95-8	83
4			Heptacosane	380	C27H56	000593-49-7	81
5			Dodecane, 1-iodo-	296	C12H25I	004292-19-7	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061423\
Data File : BG057708.D
Acq On : 14 Jun 2023 15:08
Operator : CG/JU
Sample : 03141-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CMC-EME-Topsoil-002

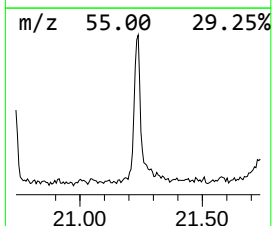
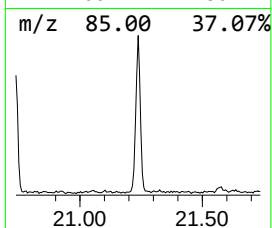
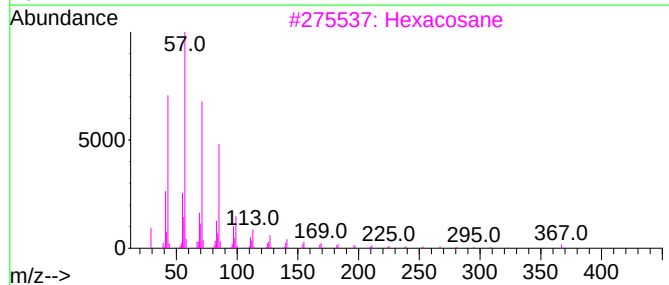
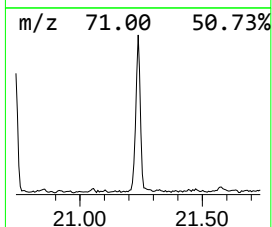
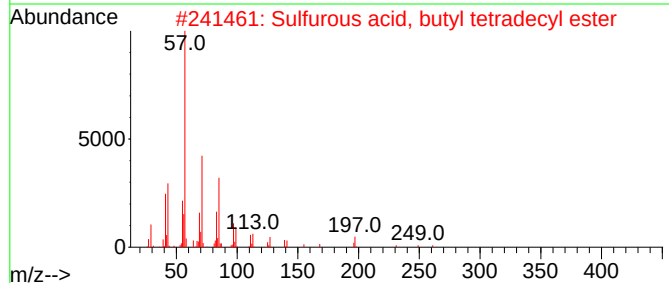
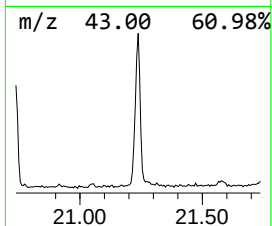
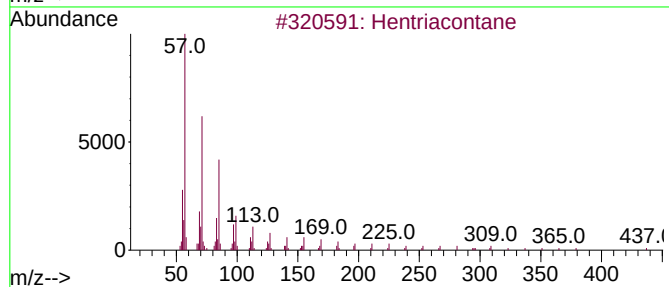
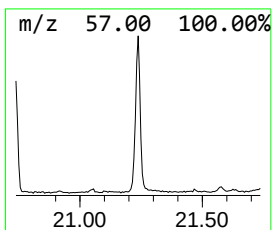
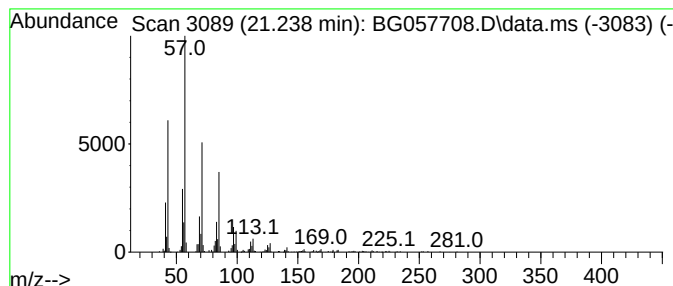
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Hentriacontane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.238	13.99 ng	452786	Chrysene-d12	21.567

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hentriacontane	437	C31H64	000630-04-6	91
2			Sulfurous acid, butyl tetradecyl...	334	C18H38O3S	1010309-18-1	91
3			Hexacosane	366	C26H54	000630-01-3	90
4			Sulfurous acid, butyl tridecyl e...	320	C17H36O3S	1000309-18-0	90
5			Sulfurous acid, butyl dodecyl ester	306	C16H34O3S	1000309-17-9	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061423\
Data File : BG057708.D
Acq On : 14 Jun 2023 15:08
Operator : CG/JU
Sample : 03141-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
CMC-EME-Topsoil-002

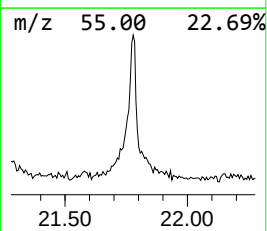
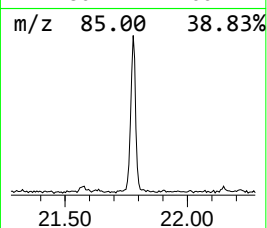
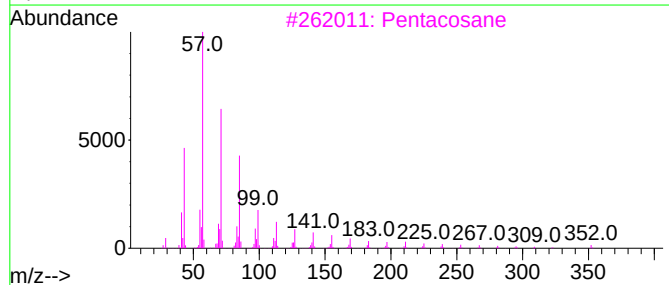
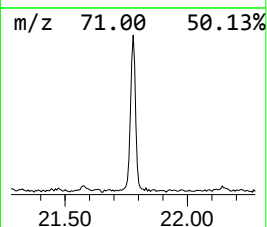
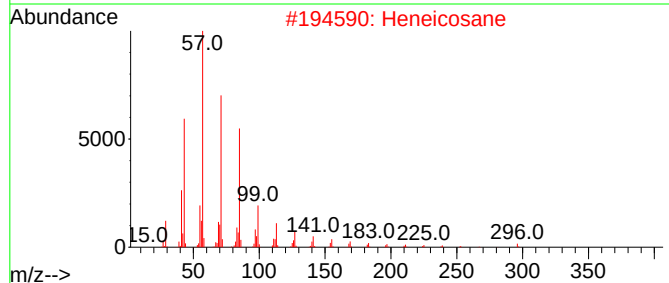
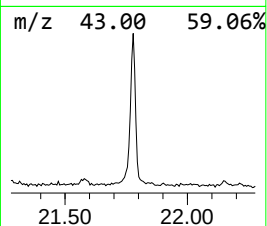
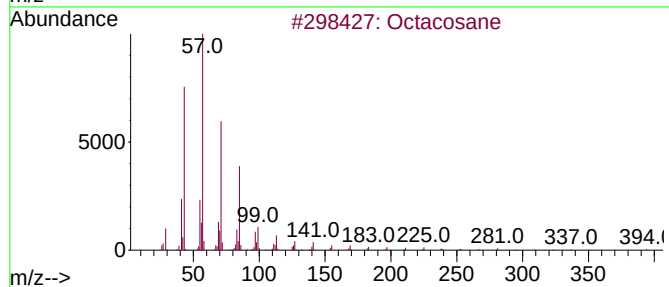
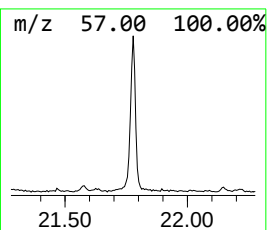
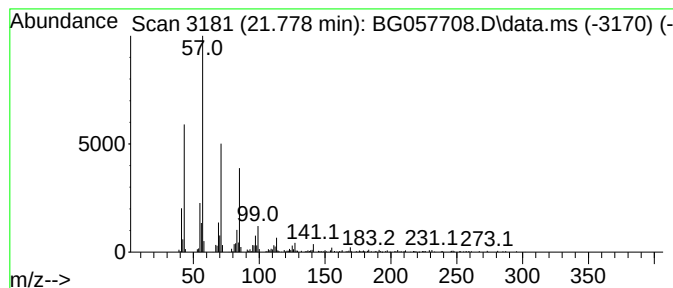
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Octacosane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.778	21.98 ng	711601	Chrysene-d12	21.567

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octacosane	394	C28H58	000630-02-4	91
2			Heneicosane	296	C21H44	000629-94-7	90
3			Pentacosane	352	C25H52	000629-99-2	90
4			Hexadecane	226	C16H34	000544-76-3	87
5			Pentadecane	212	C15H32	000629-62-9	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061423\
Data File : BG057708.D
Acq On : 14 Jun 2023 15:08
Operator : CG/JU
Sample : 03141-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
CMC-EME-Topsoil-002

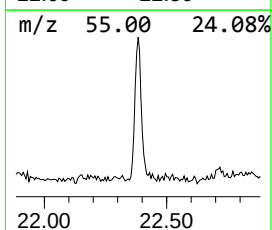
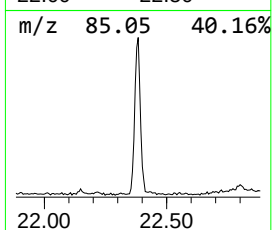
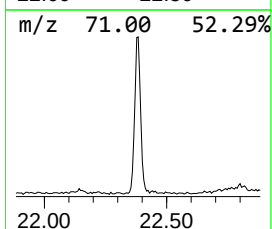
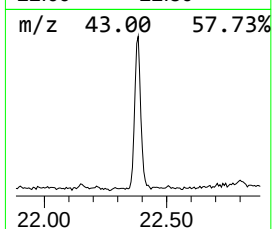
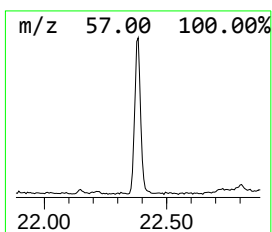
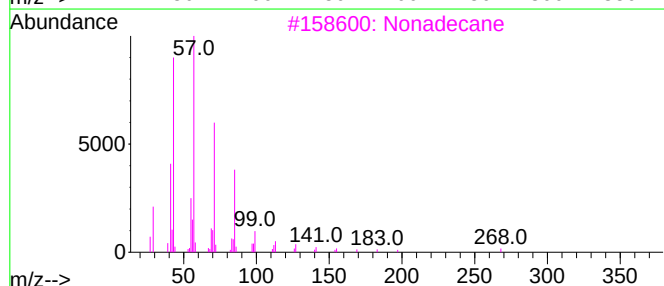
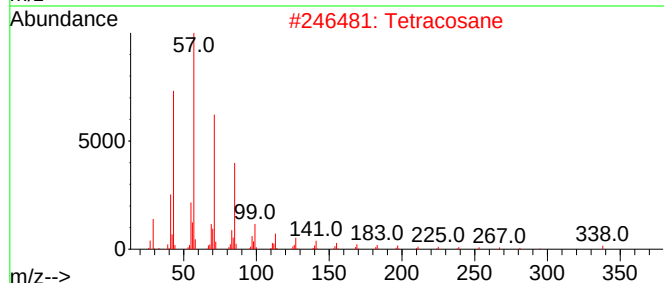
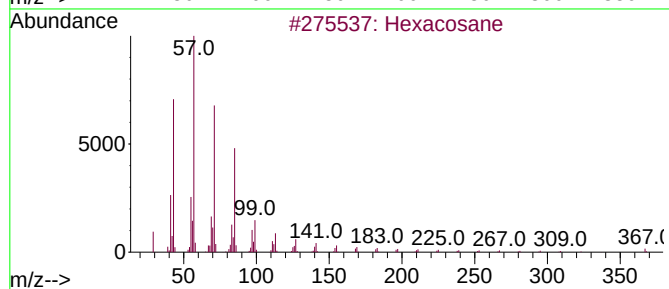
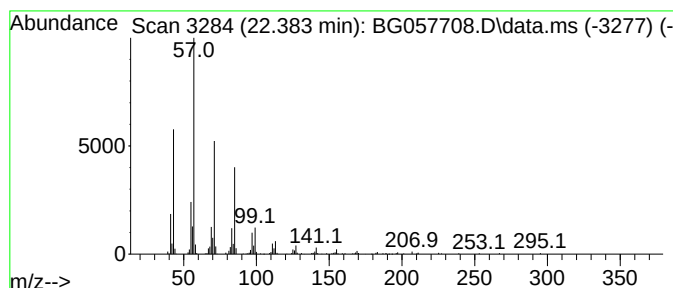
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Hexacosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.383	12.73 ng	412062	Chrysene-d12	21.567

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexacosane	366	C26H54	000630-01-3	91
2			Tetracosane	338	C24H50	000646-31-1	91
3			Nonadecane	268	C19H40	000629-92-5	87
4			Hexadecane	226	C16H34	000544-76-3	87
5			Pentadecane	212	C15H32	000629-62-9	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061423\
Data File : BG057708.D
Acq On : 14 Jun 2023 15:08
Operator : CG/JU
Sample : 03141-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
CMC-EME-Topsoil-002

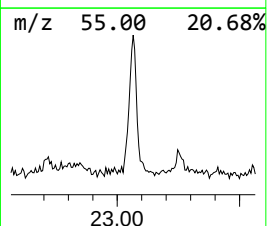
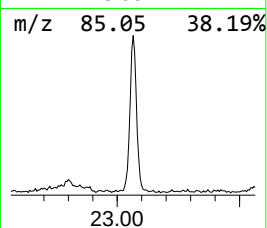
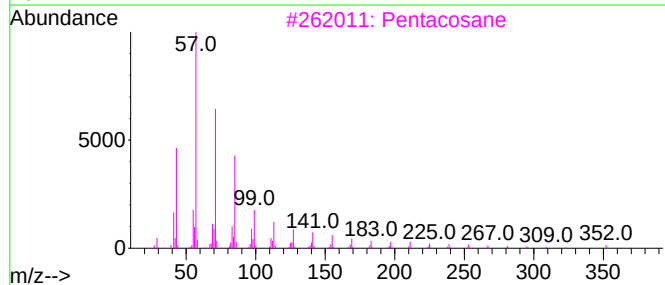
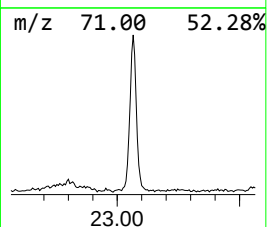
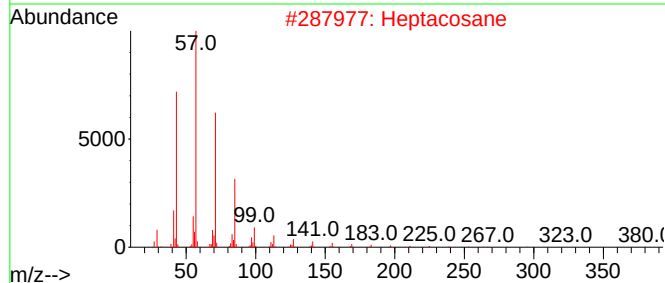
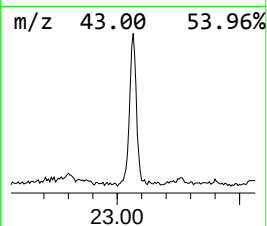
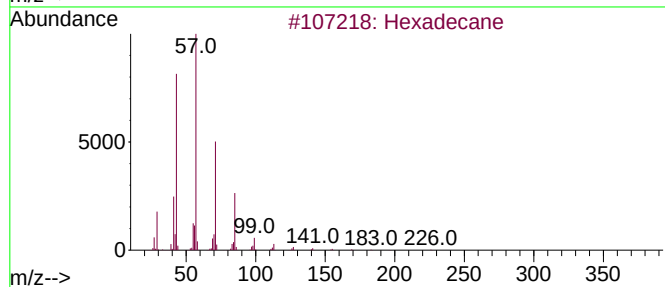
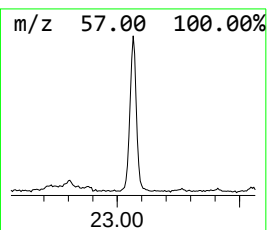
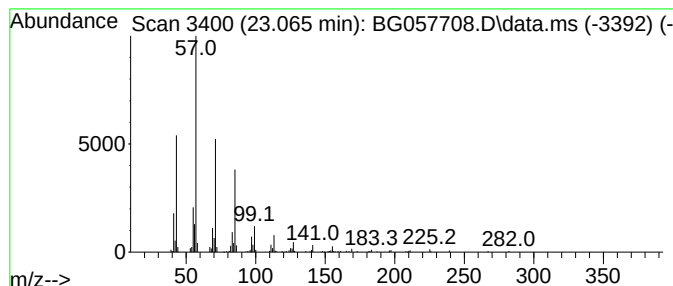
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Hexadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.065	11.06 ng	358116	Chrysene-d12	21.567

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexadecane	226	C16H34	000544-76-3	93
2		Heptacosane	380	C27H56	000593-49-7	91
3		Pentacosane	352	C25H52	000629-99-2	91
4		Heneicosane	296	C21H44	000629-94-7	87
5		Octacosane	394	C28H58	000630-02-4	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061423\
Data File : BG057708.D
Acq On : 14 Jun 2023 15:08
Operator : CG/JU
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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
CMC-EME-Topsoil-002

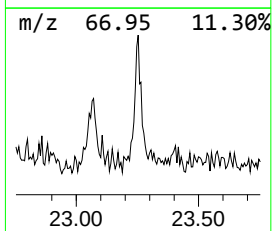
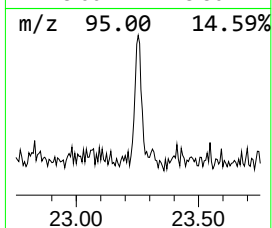
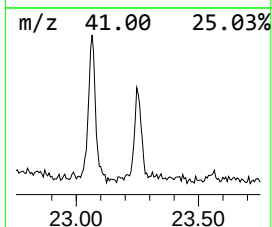
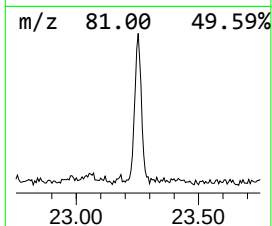
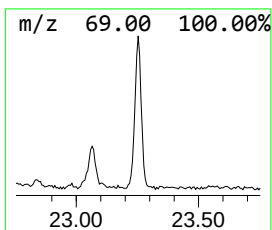
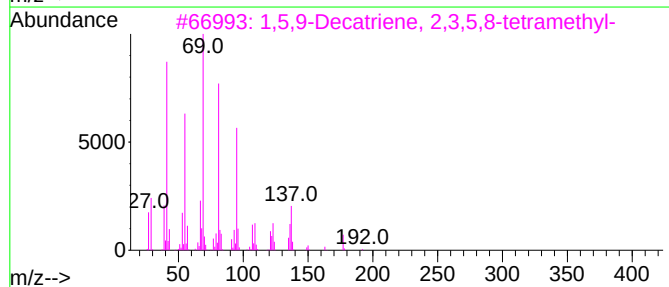
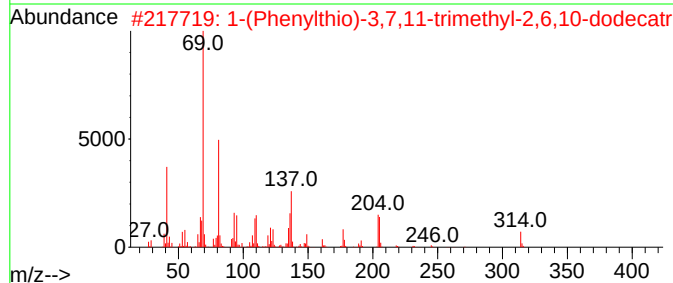
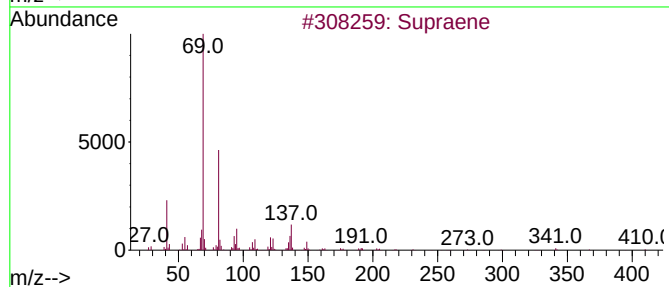
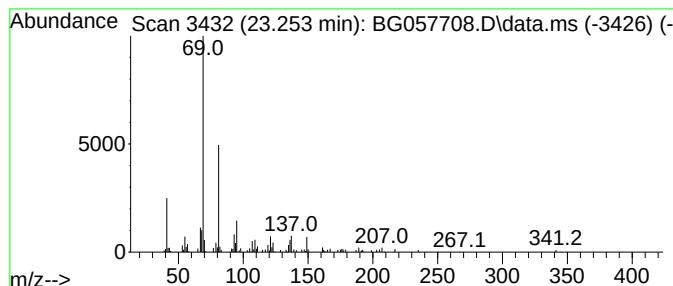
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Supraene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.253	3.51 ng	119940	Perylene-d12	24.733

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Supraene	410	C30H50	007683-64-9	90
2			1-(Phenylthio)-3,7,11-trimethyl-...	314	C21H30S	028413-57-2	78
3			1,5,9-Decatriene, 2,3,5,8-tetram...	192	C14H24	230646-72-7	72
4			3,7,11-Trimethyl-2,6,10-dodecatr...	217	C15H23N	029789-67-1	72
5			Furan, 3-(4,8-dimethyl-3,7-nonad...	218	C15H22O	023262-34-2	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061423\
Data File : BG057708.D
Acq On : 14 Jun 2023 15:08
Operator : CG/JU
Sample : 03141-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
CMC-EME-Topsoil-002

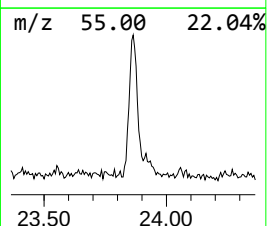
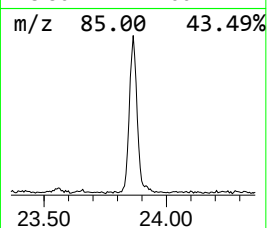
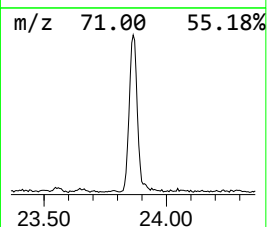
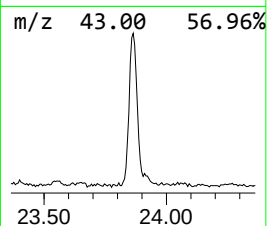
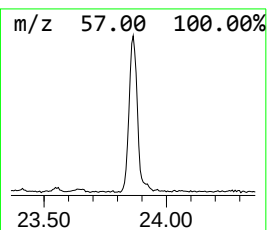
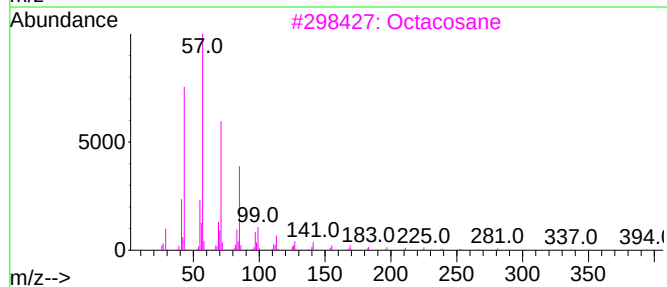
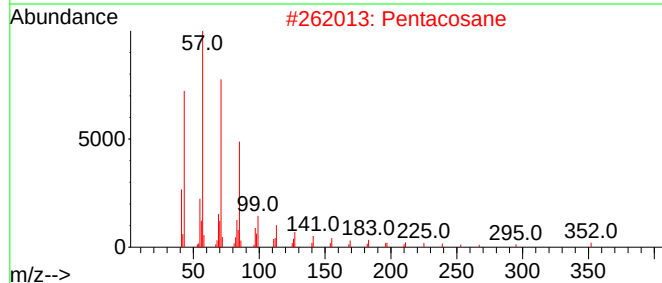
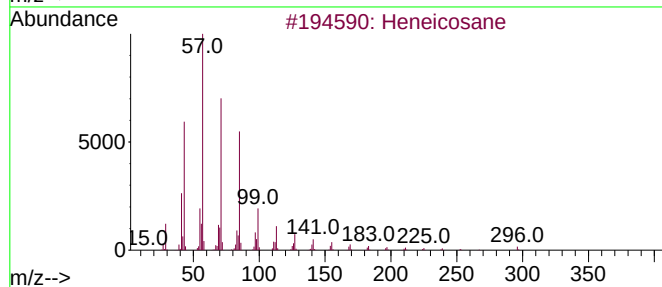
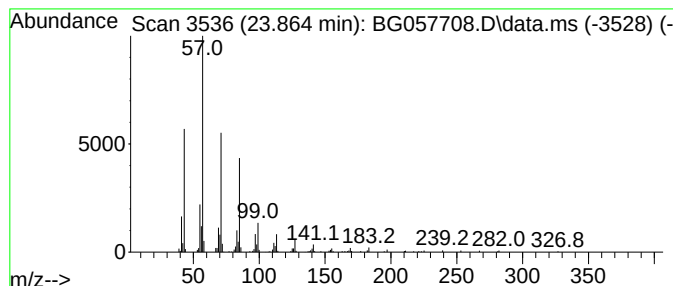
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Heneicosane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.864	14.04 ng	480480	Perylene-d12	24.733

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heneicosane	296	C21H44	000629-94-7	91
2			Pentacosane	352	C25H52	000629-99-2	91
3			Octacosane	394	C28H58	000630-02-4	91
4			Hexacosane	366	C26H54	000630-01-3	90
5			Eicosane, 7-hexyl-	366	C26H54	055333-99-8	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061423\
Data File : BG057708.D
Acq On : 14 Jun 2023 15:08
Operator : CG/JU
Sample : 03141-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
CMC-EME-Topsoil-002

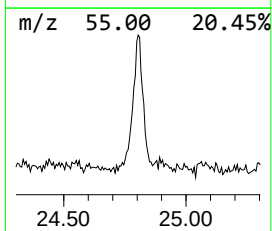
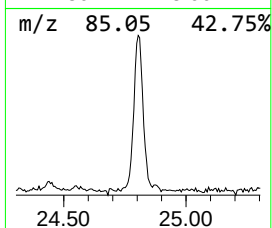
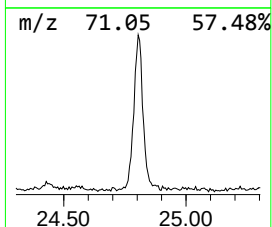
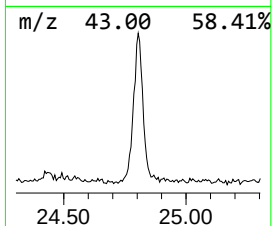
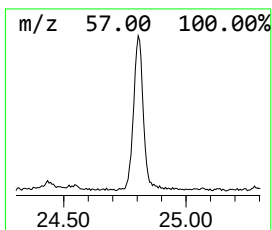
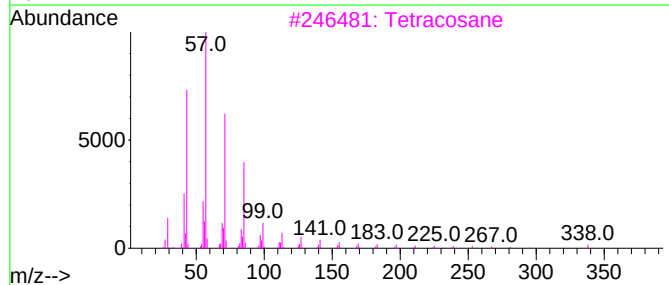
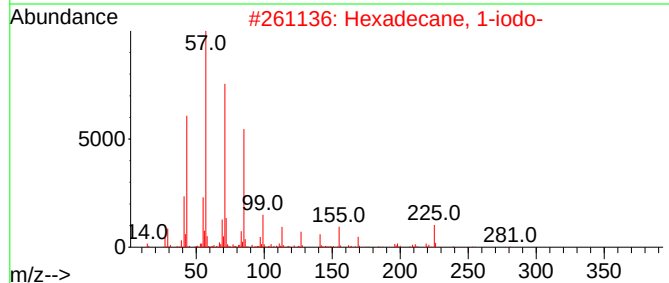
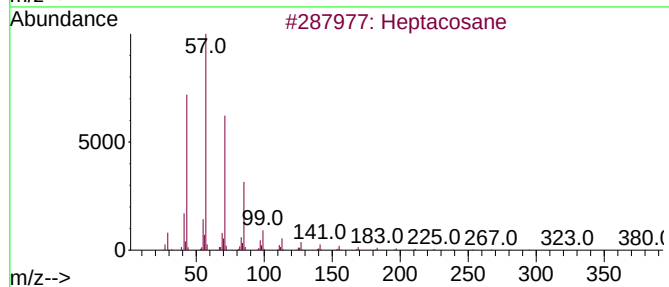
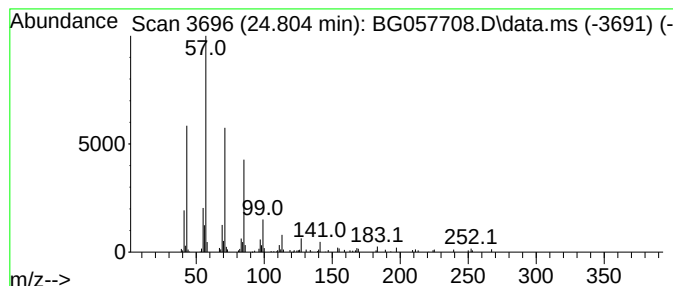
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Heptacosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.804	8.08 ng	276534	Perylene-d12	24.733

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptacosane	380	C27H56	000593-49-7	91
2		Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	90
3		Tetracosane	338	C24H50	000646-31-1	90
4		Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	90
5		Octadecane, 1-iodo-	380	C18H37I	000629-93-6	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061423\
Data File : BG057708.D
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Sample : 03141-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CMC-EME-Topsoil-002

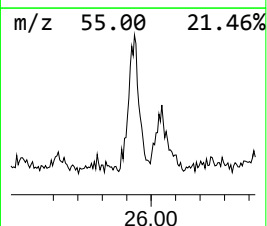
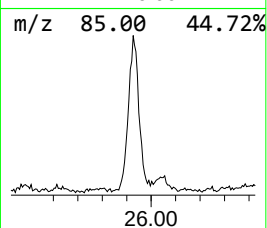
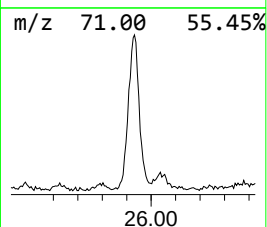
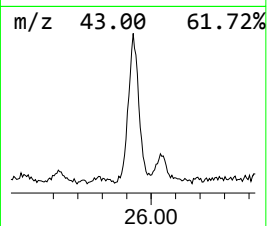
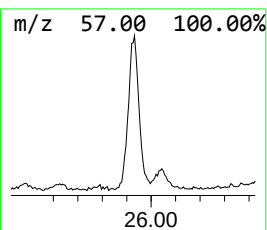
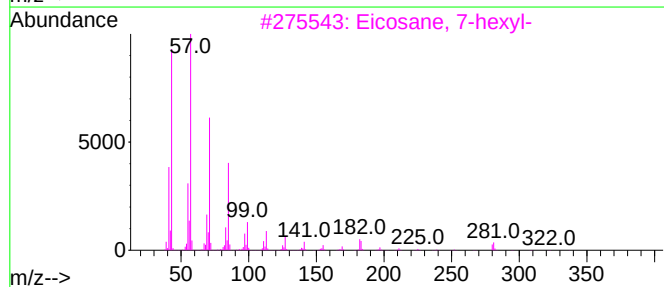
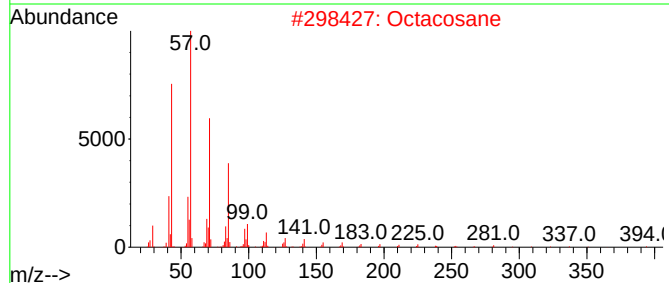
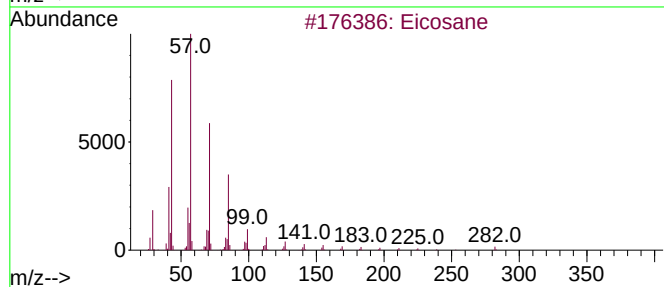
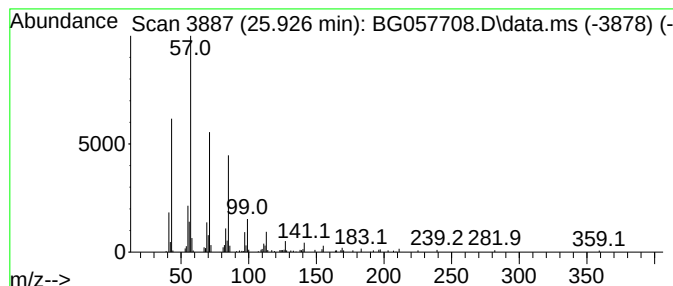
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Eicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.926	8.51 ng	291210	Perylene-d12	24.733

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Eicosane	282	C20H42	000112-95-8	93
2		Octacosane	394	C28H58	000630-02-4	91
3		Eicosane, 7-hexyl-	366	C26H54	055333-99-8	91
4		Heneicosane	296	C21H44	000629-94-7	90
5		Octacosane, 2-methyl-	408	C29H60	001560-98-1	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061423\
Data File : BG057708.D
Acq On : 14 Jun 2023 15:08
Operator : CG/JU
Sample : 03141-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CMC-EME-Topsoil-002

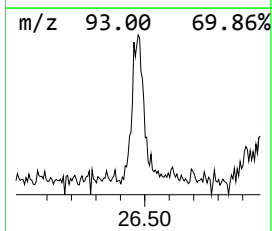
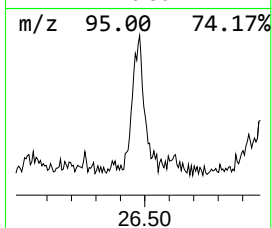
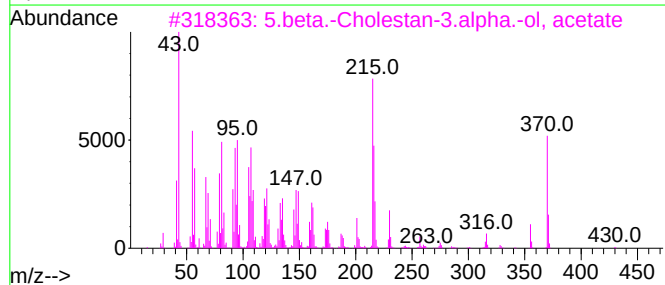
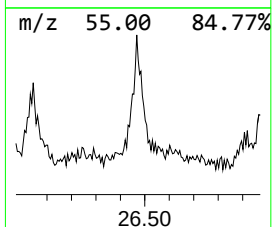
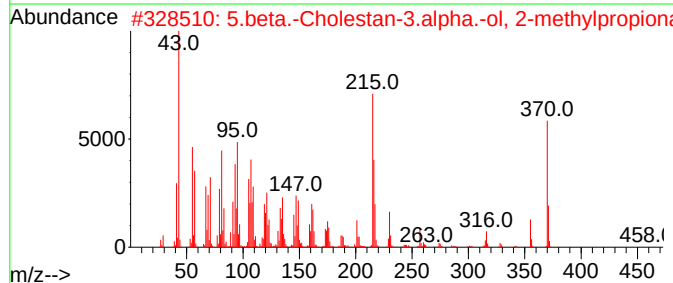
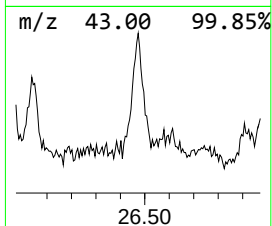
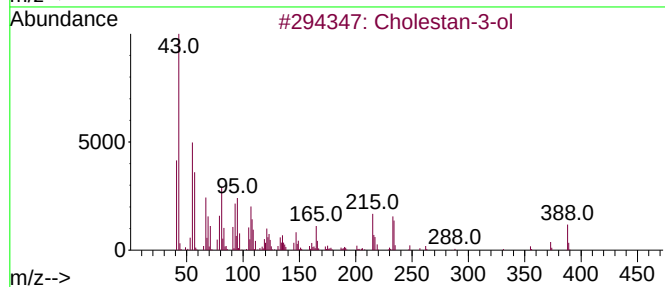
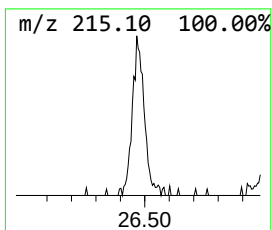
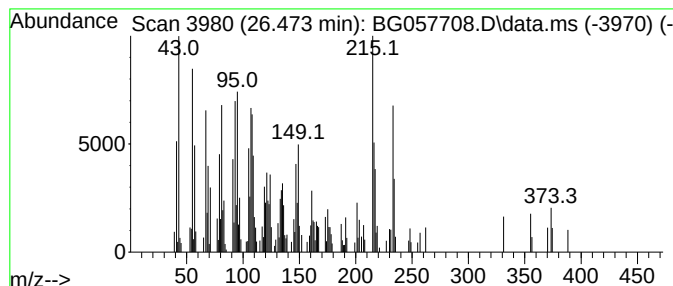
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 Cholestan-3-ol Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.473	8.04 ng	274981	Perylene-d12	24.733

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cholestan-3-ol	388	C27H48O	027409-41-2	70
2		5.beta.-Cholestan-3.alpha.-ol, 2...	458	C31H54O2	1000514-95-7	70
3		5.beta.-Cholestan-3.alpha.-ol, a...	430	C29H50O2	033157-47-0	60
4		Cholest-5-ene	370	C27H46	000570-74-1	43
5		Cyclopent[e]-1,3-oxazine, octahy...	216	C13H16N2O	1000138-92-2	30



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061423\
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Misc :
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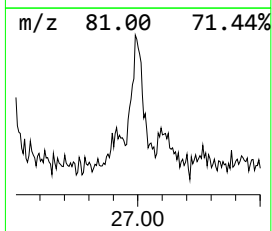
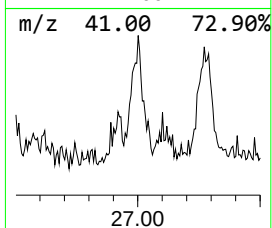
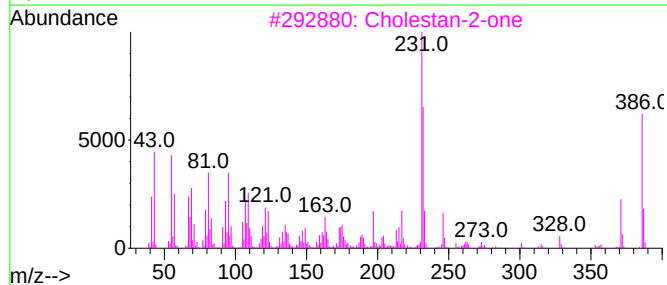
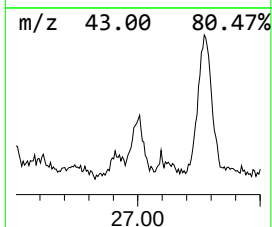
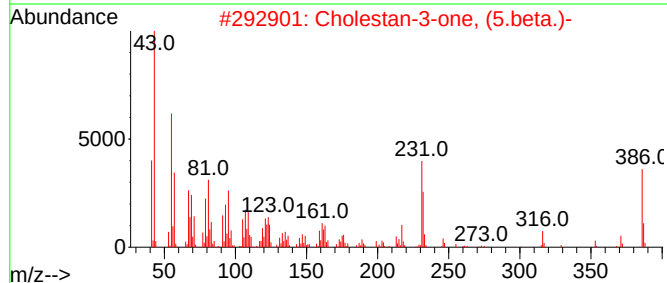
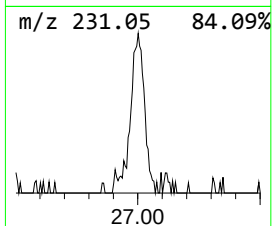
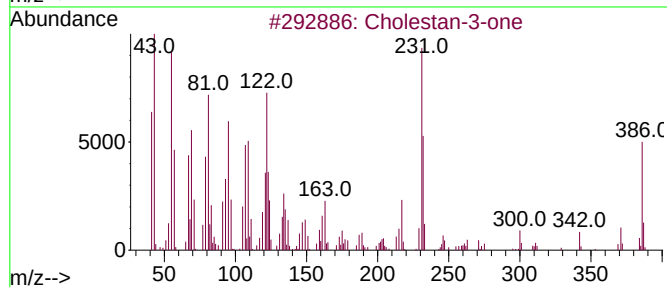
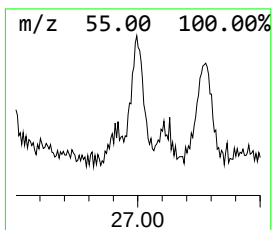
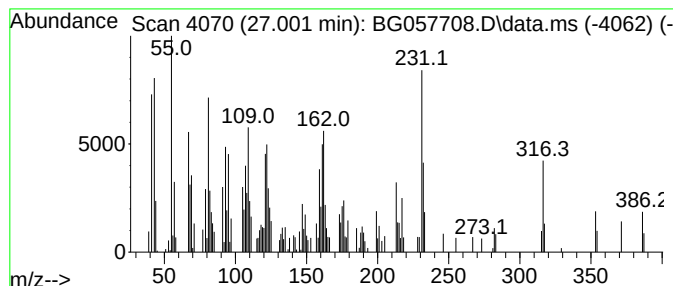
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ClientSampleId :
CMC-EME-Topsoil-002

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Cholestan-3-one Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.	
27.001	6.21 ng	212509	Perylene-d12	24.733	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cholestan-3-one	386	C27H46O	015600-08-5	90
2	Cholestan-3-one, (5.beta.)-	386	C27H46O	000601-53-6	46
3	Cholestan-2-one	386	C27H46O	1010210-43-4	41
4	Cholestan-3-one, (5.alpha.)-	386	C27H46O	000566-88-1	38
5	Cholestane, 14-methyl-	386	C28H50	052474-84-7	27



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061423\
Data File : BG057708.D
Acq On : 14 Jun 2023 15:08
Operator : CG/JU
Sample : 03141-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
CMC-EME-Topsoil-002

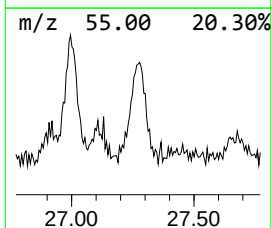
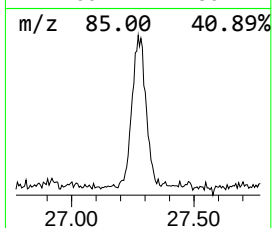
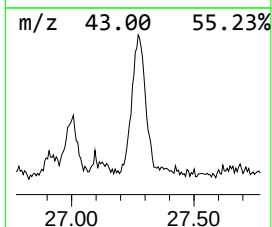
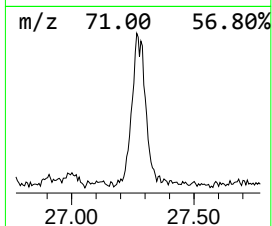
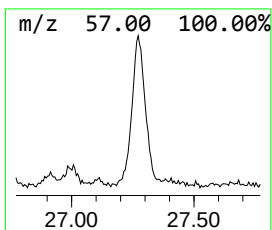
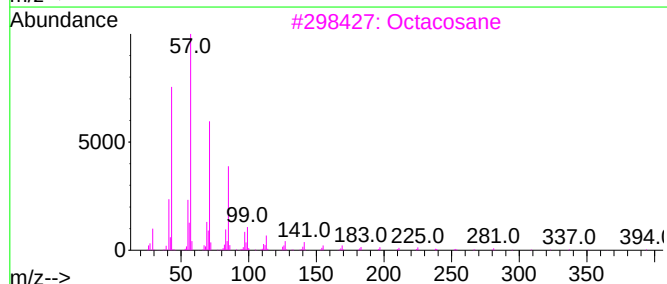
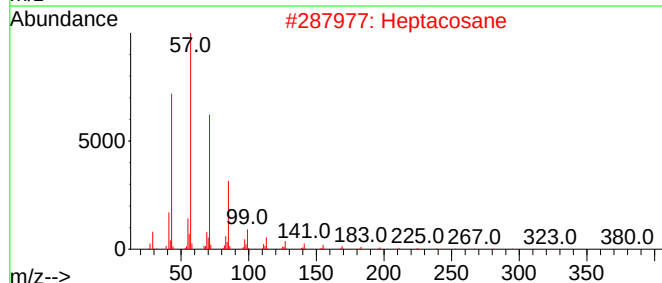
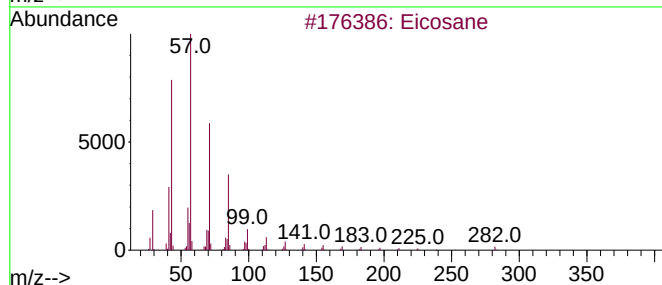
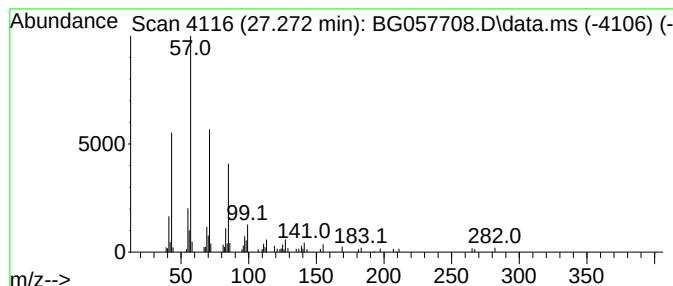
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Tetradecane, 1-iodo- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.272	5.30 ng	181495	Perylene-d12	24.733

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Eicosane	282	C20H42	000112-95-8	95
2		Heptacosane	380	C27H56	000593-49-7	91
3		Octacosane	394	C28H58	000630-02-4	90
4		Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	87
5		Tetracosane	338	C24H50	000646-31-1	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061423\
Data File : BG057708.D
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Misc :
ALS Vial : 9 Sample Multiplier: 1

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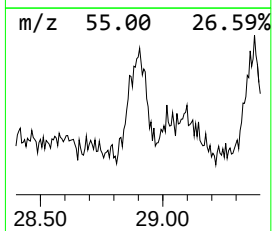
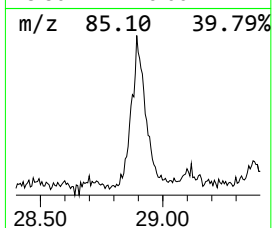
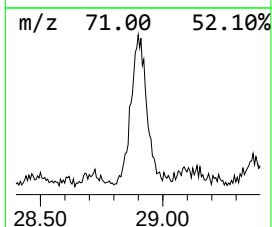
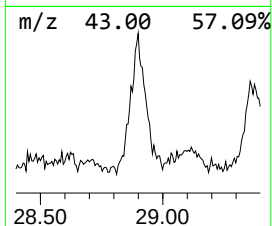
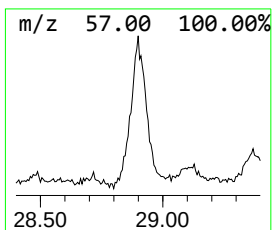
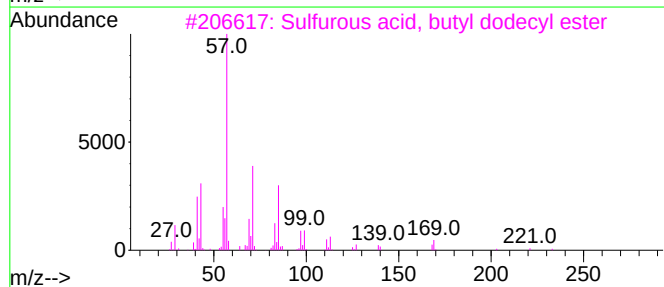
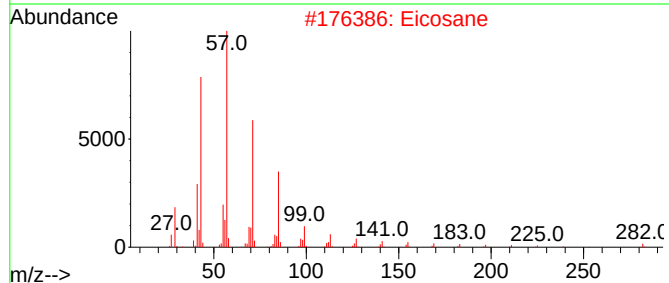
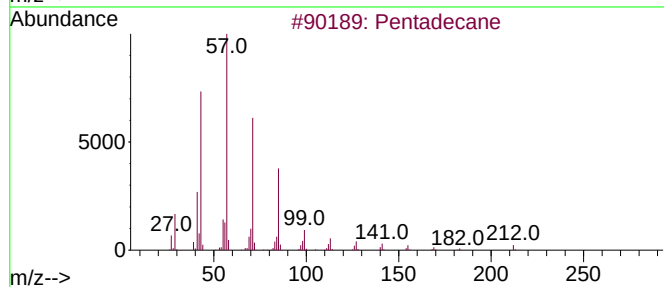
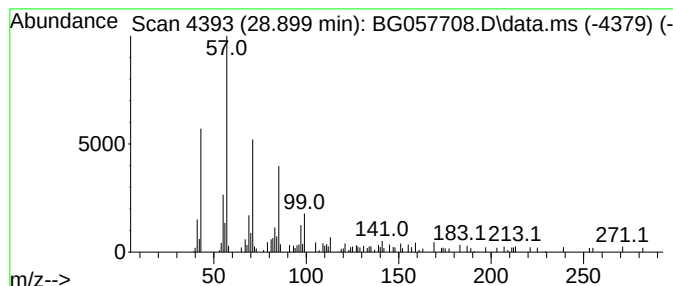
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Pentadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.899	7.15 ng	244582	Perylene-d12	24.733

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane	212	C15H32	000629-62-9	94
2			Eicosane	282	C20H42	000112-95-8	90
3			Sulfurous acid, butyl dodecyl ester	306	C16H34O3S	1000309-17-9	87
4			Heneicosane	296	C21H44	000629-94-7	87
5			Heptacosane	380	C27H56	000593-49-7	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061423\
Data File : BG057708.D
Acq On : 14 Jun 2023 15:08
Operator : CG/JU
Sample : 03141-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CMC-EME-Topsoil-002

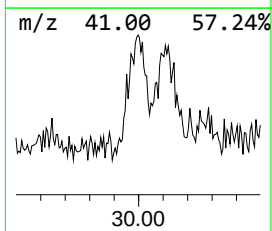
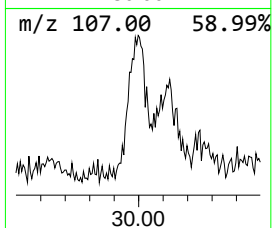
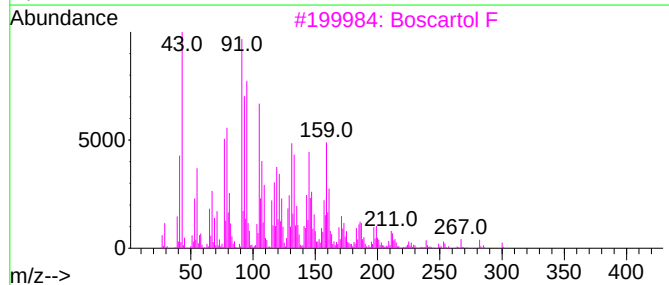
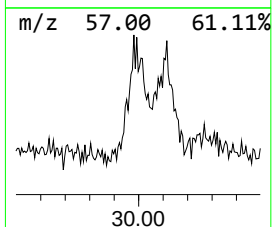
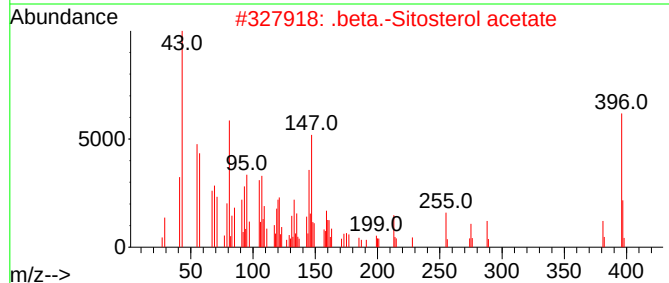
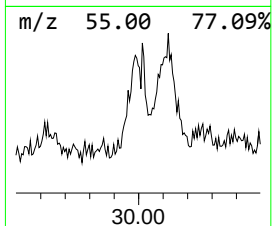
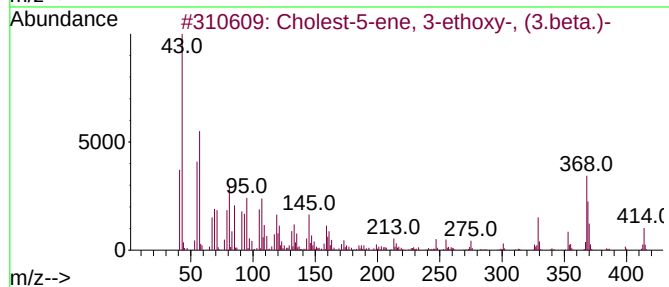
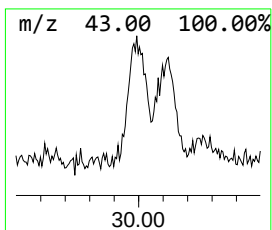
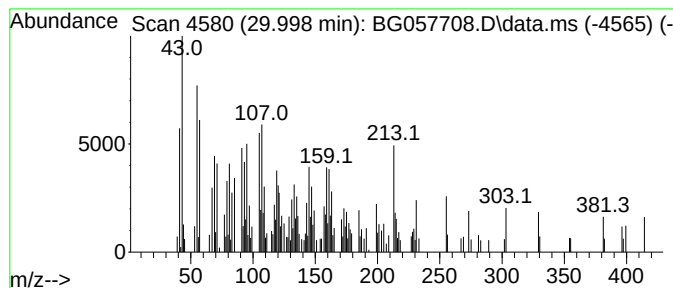
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 unknown29.998 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
29.998	10.16 ng	347723	Perylene-d12	24.733

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cholest-5-ene, 3-ethoxy-, (3.bet...	414	C29H50O	000986-19-6	27
2			.beta.-Sitosterol acetate	456	C31H52O2	000915-05-9	25
3			Boscartol F	300	C20H28O2	1486443-17-7	25
4			Pregn-5-en-3-ol, 21-bromo-20-met...	394	C22H35BrO	055103-80-5	16
5			5.alpha.Androst-16-ol, 17-ethyl...	414	C27H42O3	1000124-58-6	14



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061423\
Data File : BG057708.D
Acq On : 14 Jun 2023 15:08
Operator : CG/JU
Sample : 03141-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CMC-EME-Topsoil-002

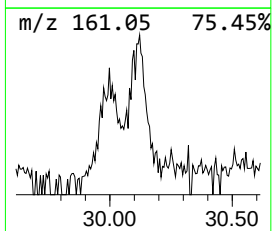
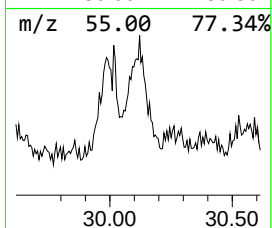
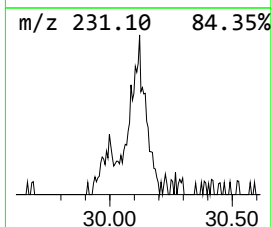
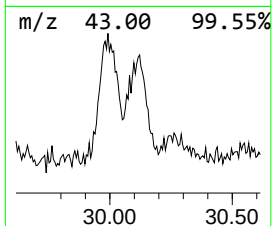
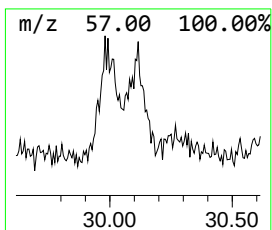
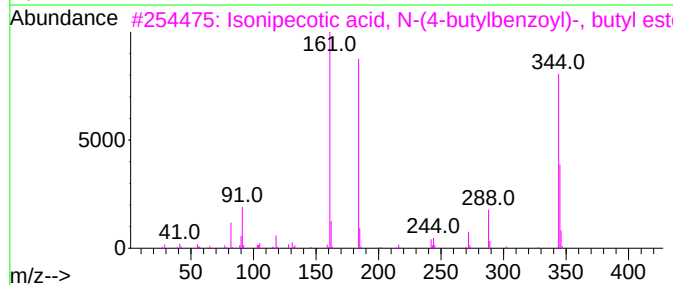
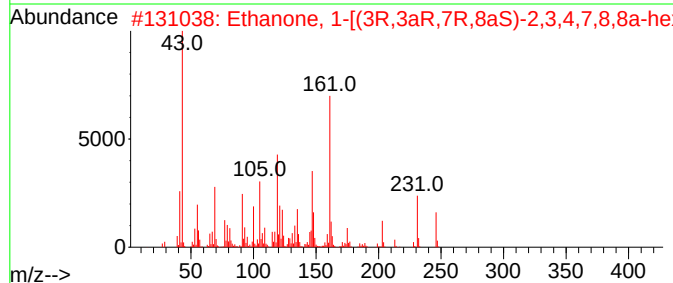
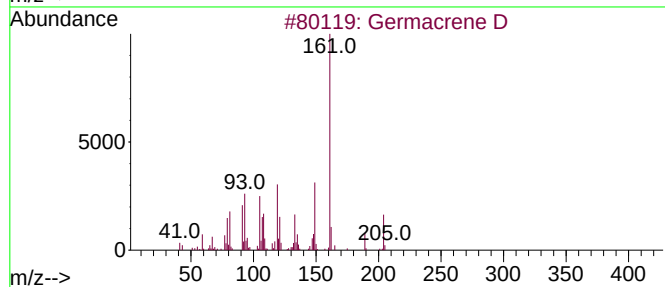
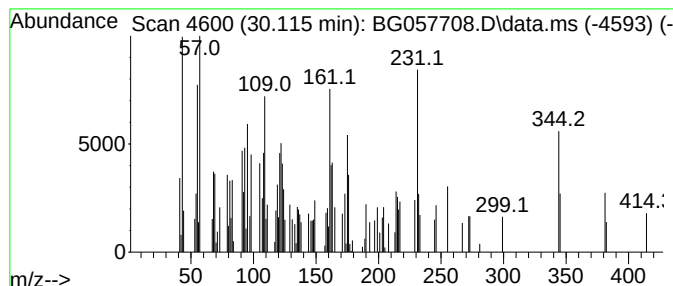
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 unknown30.115 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
30.115	6.39 ng	218729	Perylene-d12	24.733

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Germacrene D	204	C15H24	023986-74-5	40
2		Ethanone, 1-[(3R,3aR,7R,8aS)-2,3...	246	C17H26O	032388-55-9	30
3		Isonipecotic acid, N-(4-butylben...	345	C21H31NO3	1000361-13-0	27
4		Isonipecotic acid, N-(4-butylben...	345	C21H31NO3	1000361-12-9	27
5		.beta.-GURJUNENE	204	C15H24	1000425-17-9	25



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061423\
Data File : BG057708.D
Acq On : 14 Jun 2023 15:08
Operator : CG/JU
Sample : 03141-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CMC-EME-Topsoil-002

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT 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
Butane, 2-metho...	3.123	9.7	ng	125069	1	7.935	258347	20.0
Benzophenone	15.926	4.5	ng	123466	3	14.569	552245	20.0
n-Hexadecanoic ...	18.206	2.9	ng	97785	4	17.313	665368	20.0
2-((8Z,11Z)-Hep...	19.663	2.9	ng	94668	5	21.567	647432	20.0
Tetracosane	20.244	3.4	ng	110719	5	21.567	647432	20.0
Tridecane, 1-iodo-	20.738	6.4	ng	206869	5	21.567	647432	20.0
Hentriacontane	21.238	14.0	ng	452786	5	21.567	647432	20.0
Octacosane	21.778	22.0	ng	711601	5	21.567	647432	20.0
Hexacosane	22.383	12.7	ng	412062	5	21.567	647432	20.0
Hexadecane	23.065	11.1	ng	358116	5	21.567	647432	20.0
Supraene	23.253	3.5	ng	119940	6	24.733	684282	20.0
Heneicosane	23.864	14.0	ng	480480	6	24.733	684282	20.0
Heptacosane	24.804	8.1	ng	276534	6	24.733	684282	20.0
Eicosane	25.926	8.5	ng	291210	6	24.733	684282	20.0
Cholestan-3-ol	26.473	8.0	ng	274981	6	24.733	684282	20.0
Cholestan-3-one	27.001	6.2	ng	212509	6	24.733	684282	20.0
Tetradecane, 1-...	27.272	5.3	ng	181495	6	24.733	684282	20.0
Pentadecane	28.899	7.2	ng	244582	6	24.733	684282	20.0
unknown29.998	29.998	10.2	ng	347723	6	24.733	684282	20.0
unknown30.115	30.115	6.4	ng	218729	6	24.733	684282	20.0