

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP072220\
 Data File : BP002830.D
 Acq On : 22 Jul 2020 18:06
 Operator : CG/JU
 Sample : L3362-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SOIL-PILE

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_P\METHODS\8270-BP071020.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	4.705	304	309	319	rVB2	35710	59057	1.15%	0.167%
2	5.175	383	389	407	rBV	1800654	2813897	54.98%	7.980%
3	6.758	651	658	670	rBV	1755661	2928067	57.21%	8.304%
4	6.858	671	675	687	rVB	30361	59927	1.17%	0.170%
5	7.169	723	728	741	rBV	44124	100541	1.96%	0.285%
6	7.546	785	792	802	rBV	514201	793826	15.51%	2.251%
7	8.693	976	987	1002	rBV	1103457	1929076	37.69%	5.471%
8	10.316	1255	1263	1280	rBV	640228	1137901	22.23%	3.227%
9	12.810	1680	1687	1705	rBV	2579834	4010517	78.37%	11.374%
10	13.116	1733	1739	1744	rVB	56577	89171	1.74%	0.253%
11	13.663	1826	1832	1843	rBV	385395	593446	11.60%	1.683%
12	13.916	1871	1875	1883	rVB	36680	58274	1.14%	0.165%
13	14.198	1916	1923	1931	rBV2	967973	1457716	28.48%	4.134%
14	15.704	2173	2179	2190	rBV	1676394	2656444	51.91%	7.534%
15	16.963	2387	2393	2397	rBV	1154138	1687755	32.98%	4.787%
16	16.998	2397	2399	2405	rVB	147009	203308	3.97%	0.577%
17	17.092	2412	2415	2423	rVB	39001	70157	1.37%	0.199%
18	17.839	2539	2542	2546	rBV	53838	65341	1.28%	0.185%
19	17.886	2547	2550	2554	rVB	67107	88228	1.72%	0.250%
20	18.022	2570	2573	2577	rBV2	45537	63536	1.24%	0.180%
21	18.228	2605	2608	2615	rVB6	53506	79071	1.55%	0.224%
22	18.304	2618	2621	2623	rBV	51552	53602	1.05%	0.152%
23	18.616	2670	2674	2679	rBV	302192	378856	7.40%	1.074%
24	18.716	2687	2691	2698	rBV3	105168	255541	4.99%	0.725%
25	18.992	2734	2738	2746	rVB	269496	366246	7.16%	1.039%
26	19.339	2794	2797	2805	rVB	290974	409408	8.00%	1.161%
27	19.551	2828	2833	2843	rVB	3975394	5117715	100.00%	14.514%
28	20.804	3042	3046	3053	rBV	622592	857157	16.75%	2.431%
29	21.069	3086	3091	3095	rBV	1250696	1673973	32.71%	4.747%
30	21.239	3117	3120	3124	rBV	183766	180714	3.53%	0.513%
31	21.663	3189	3192	3199	rVB3	374774	595260	11.63%	1.688%
32	22.116	3266	3269	3277	rVB	540923	749531	14.65%	2.126%
33	22.616	3349	3354	3358	rBV2	619704	937570	18.32%	2.659%
34	23.168	3444	3448	3456	rVB	540267	862549	16.85%	2.446%

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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

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35	23.257	3458	3463	3470	rVB2	640844	1175126	22.96%	3.333%
36	23.804	3551	3556	3563	rVB	385067	701814	13.71%	1.990%

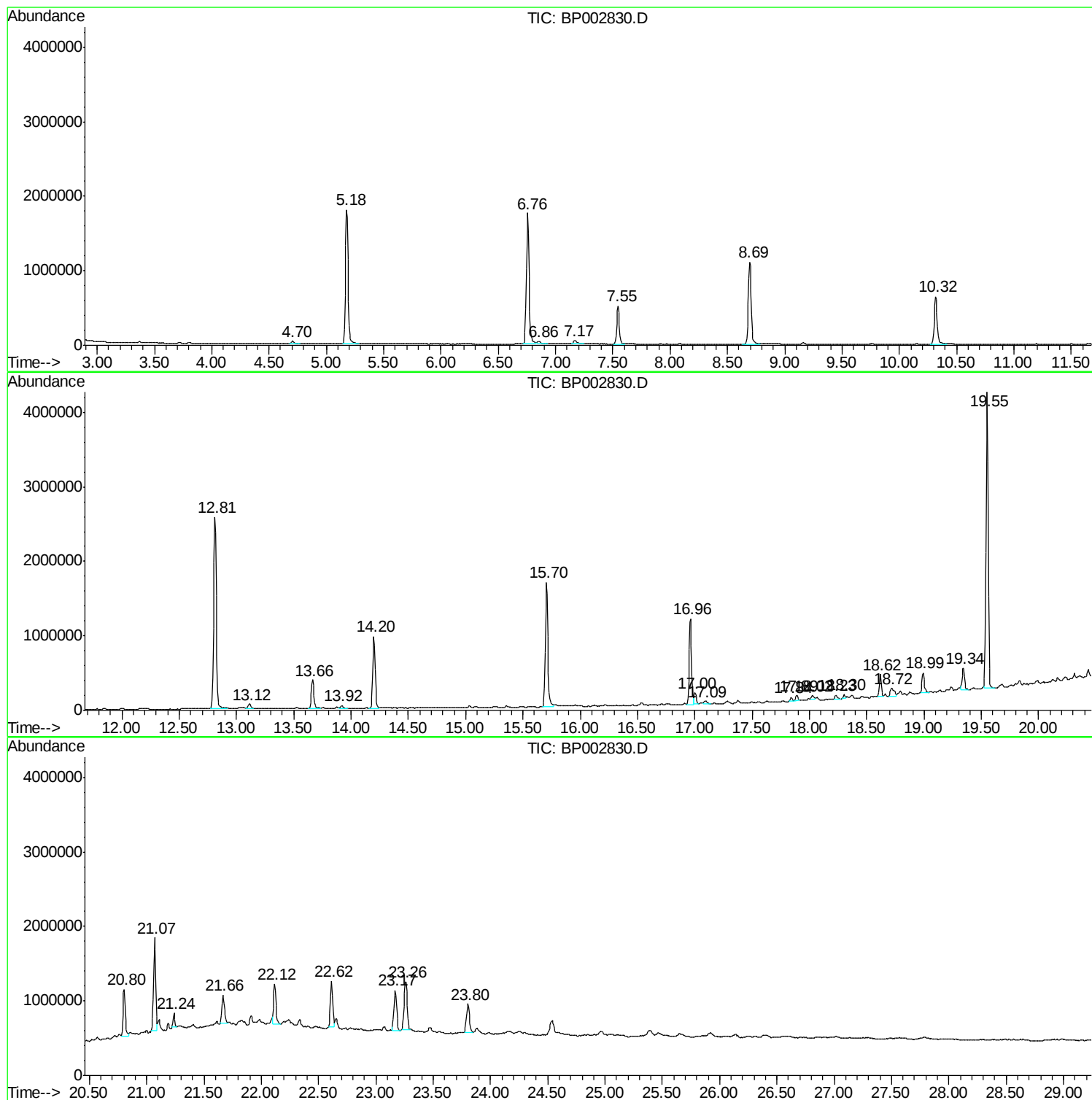
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP071020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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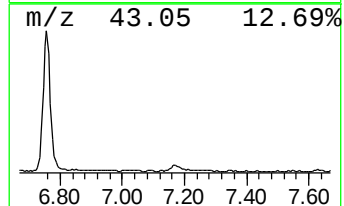
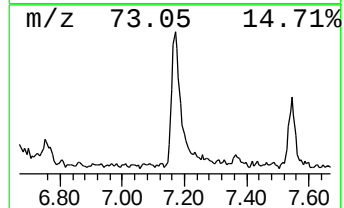
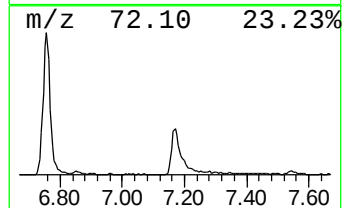
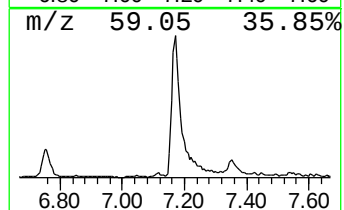
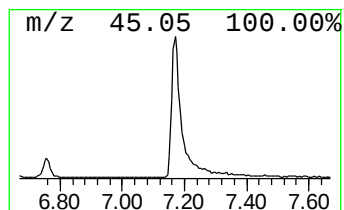
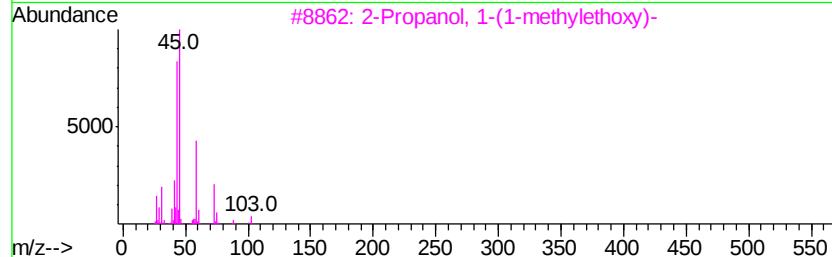
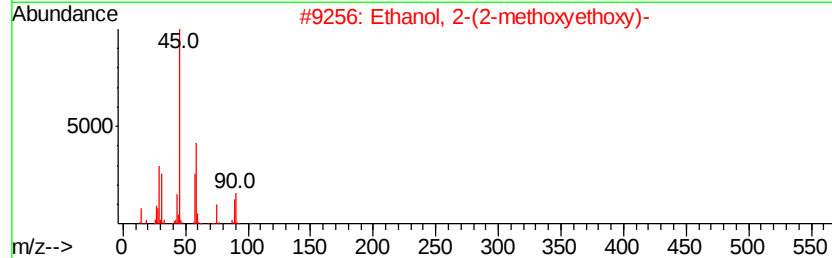
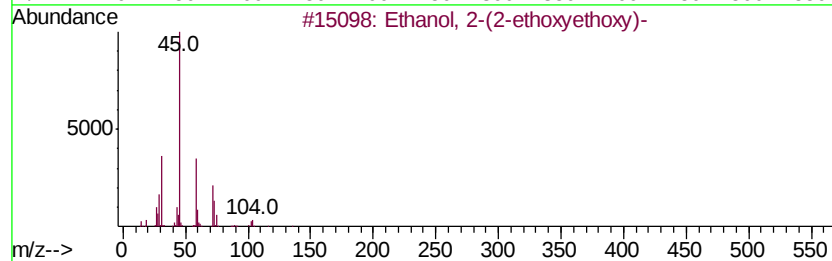
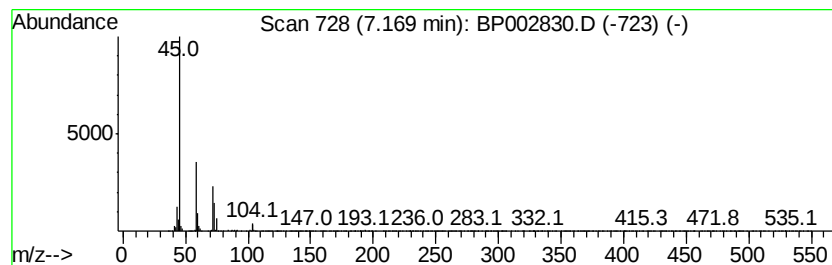
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Ethanol, 2-(2-ethoxyethoxy)- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.17	2.53 ng	100541	1,4-Dichlorobenzene-d4	7.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	83
2		Ethanol, 2-(2-methoxyethoxy)-	120	C5H12O3	000111-77-3	45
3		2-Propanol, 1-(1-methylethoxy)-	118	C6H14O2	003944-36-3	45
4		Ethanol, 2-[2-(2-ethoxyethoxy)eth...]	178	C8H18O4	000112-50-5	40
5		Ethanol, 2-[2-(2-propenyloxy)eth...]	146	C7H14O3	015075-50-0	33



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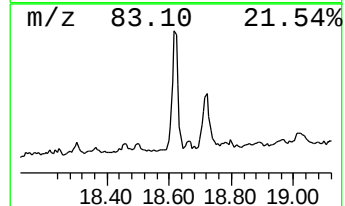
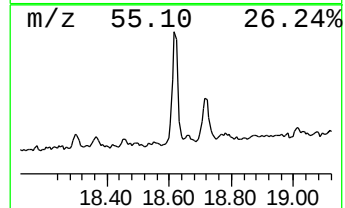
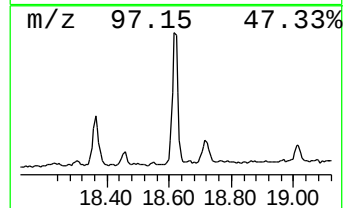
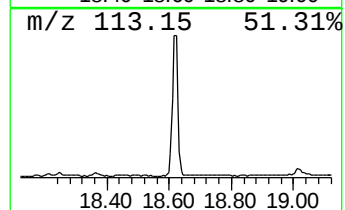
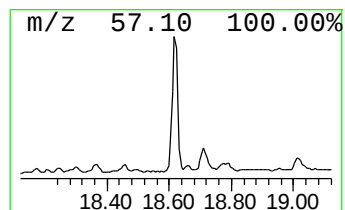
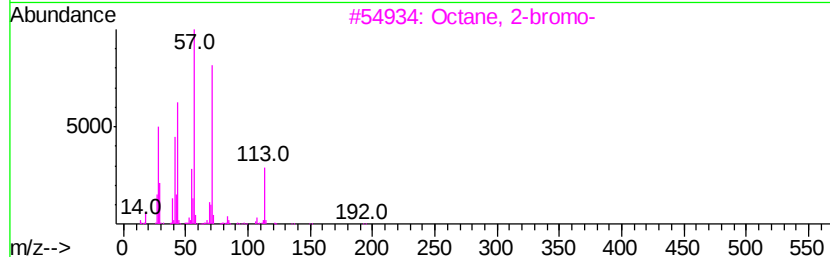
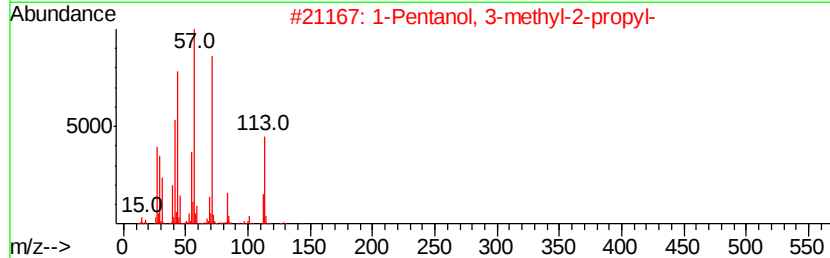
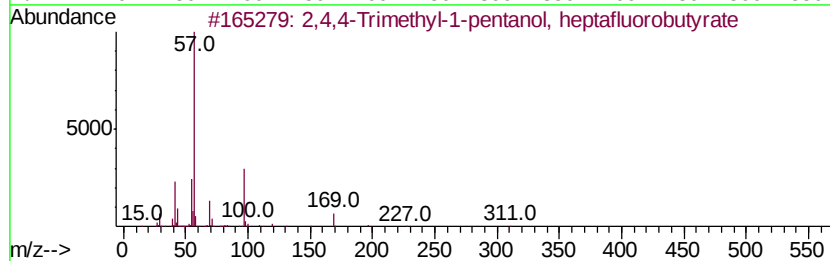
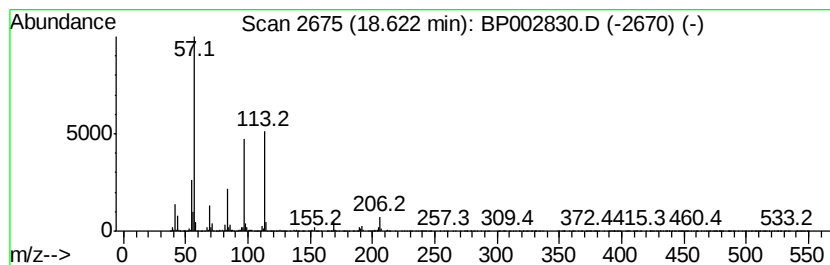
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 unknown18.62 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.62	4.49 ng	378856	Phenanthrene-d10	16.96

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,4-Trimethyl-1-pentanol, hept...	326	C12H17F7O2	1000365-01-4	43		
2	1-Pentanol, 3-methyl-2-propyl-	144	C9H20O	054004-40-9	40		
3	Octane, 2-bromo-	192	C8H17Br	000557-35-7	38		
4	2,4,4-Trimethyl-1-pentanol, pent...	276	C11H17F5O2	1000365-51-0	32		
5	2,4,4,6,6,8,8-Heptamethyl-1-nonene	224	C16H32	015796-04-0	27		



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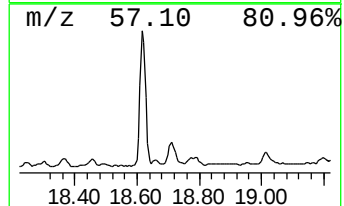
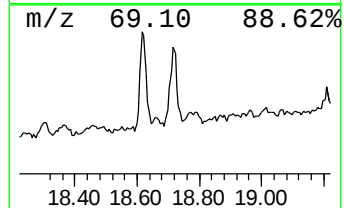
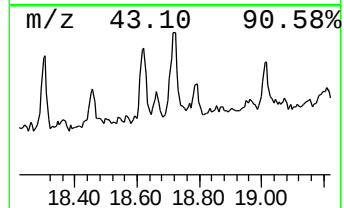
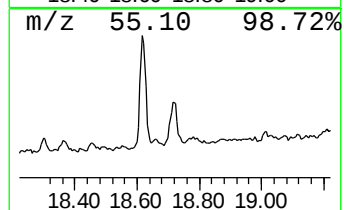
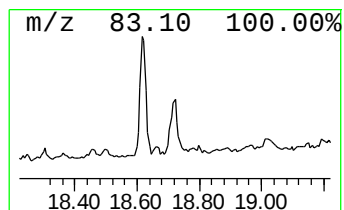
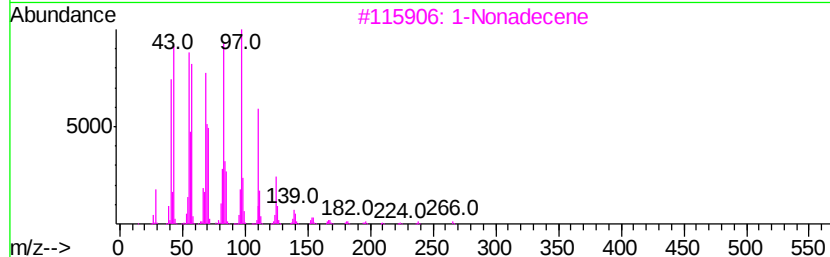
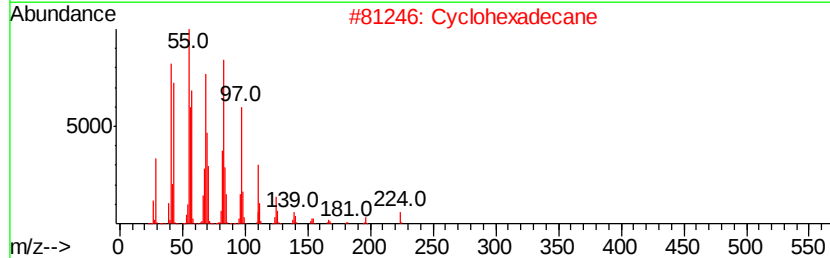
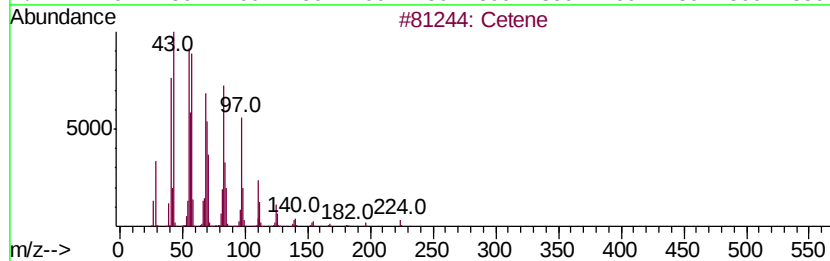
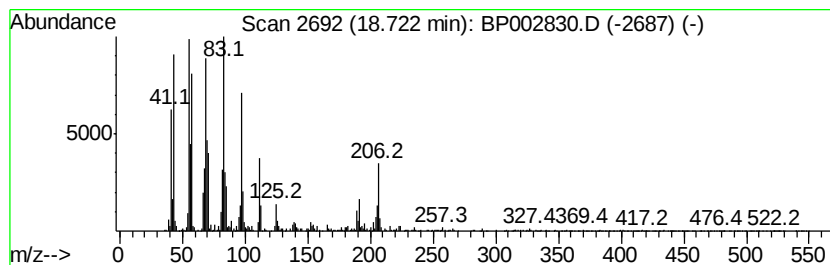
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 Cetene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.72	3.03 ng	255541	Phenanthrene-d10	16.96

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cetene		224	C16H32	000629-73-2	92
2	Cyclohexadecane		224	C16H32	000295-65-8	91
3	1-Nonadecene		266	C19H38	018435-45-5	81
4	5-Eicosene, (E)-		280	C20H40	074685-30-6	76
5	Pentafluoropropionic acid, tride...		346	C16H27F5O2	959261-22-4	74



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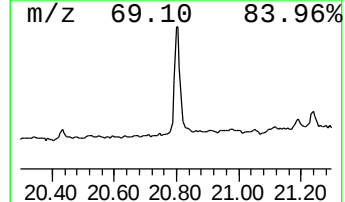
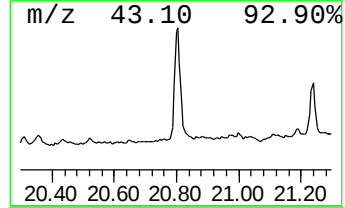
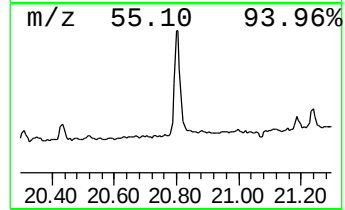
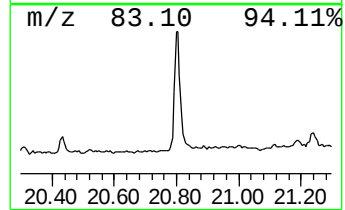
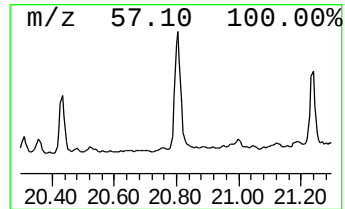
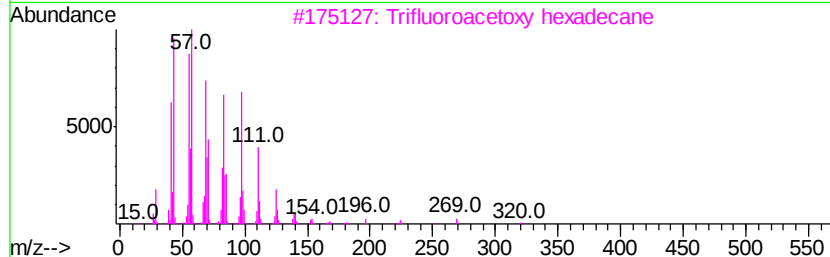
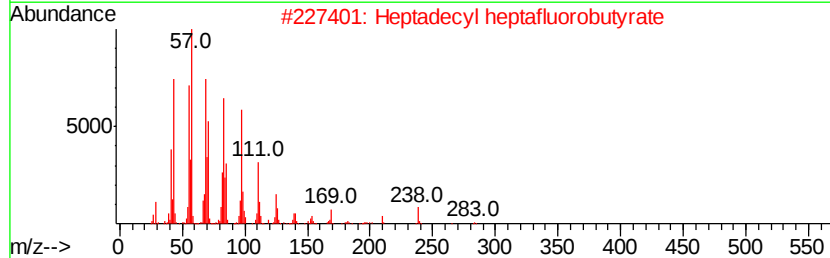
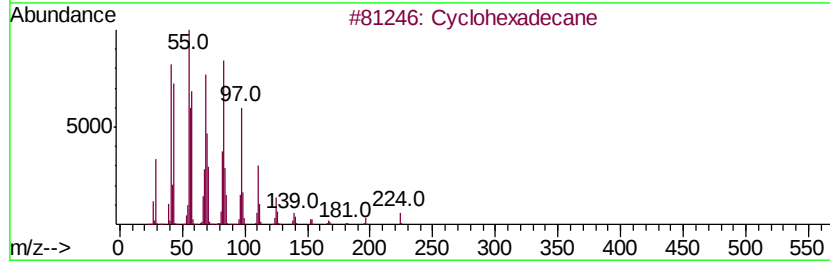
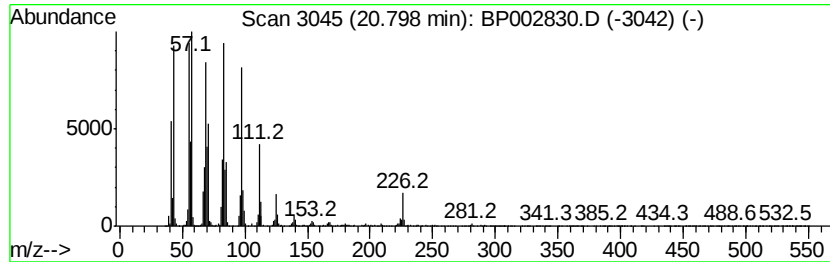
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 4 Cyclohexadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.80	10.24 ng	857157	Chrysene-d12	21.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexadecane	224	C16H32	000295-65-8	94
2		Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
3		Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94
4		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94
5		2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	93



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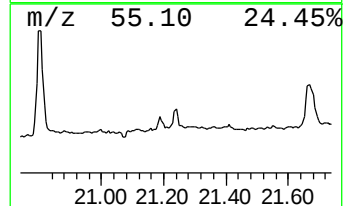
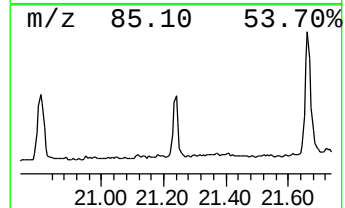
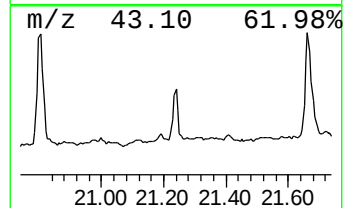
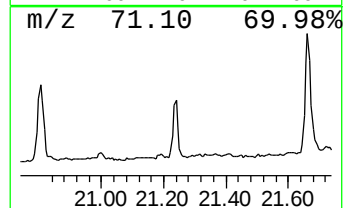
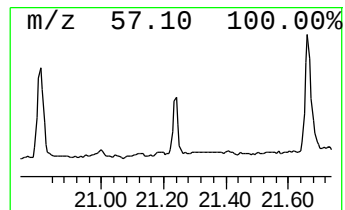
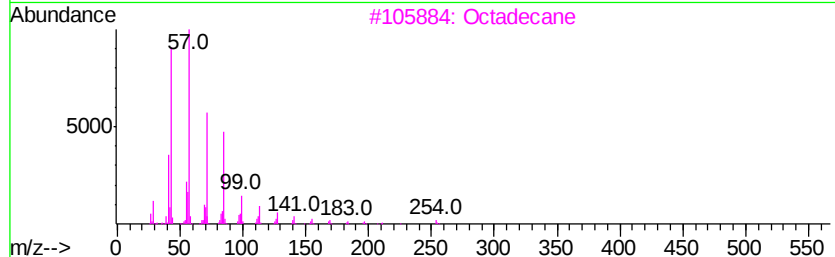
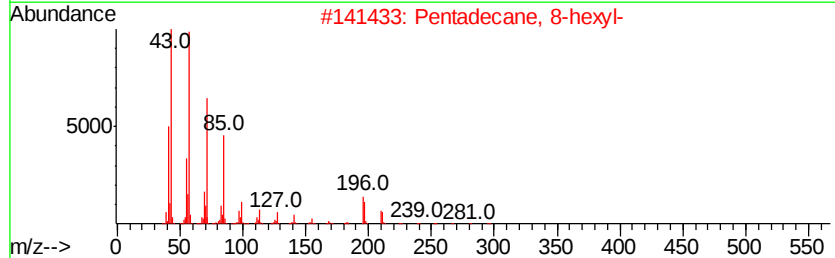
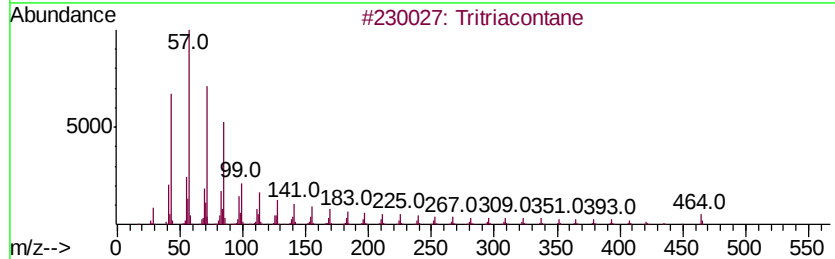
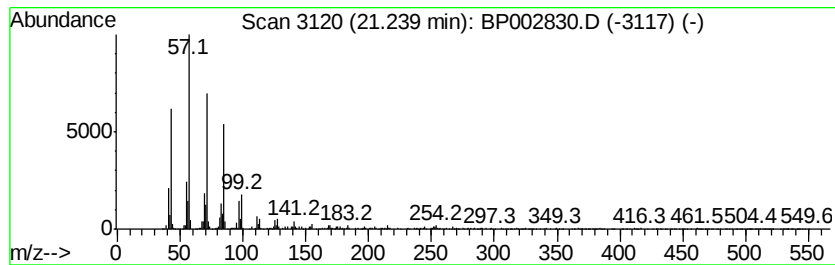
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Peak Number 5 Tritriacontane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.24	2.16 ng	180714	Chrysene-d12	21.07

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tritriacontane	465	C33H68	000630-05-7	87
2		Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	87
3		Octadecane	254	C18H38	000593-45-3	83
4		Eicosane, 10-methyl-	296	C21H44	054833-23-7	83
5		Heptacosane	380	C27H56	000593-49-7	59



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP072220\
Data File : BP002830.D
Acq On : 22 Jul 2020 18:06
Operator : CG/JU
Sample : L3362-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

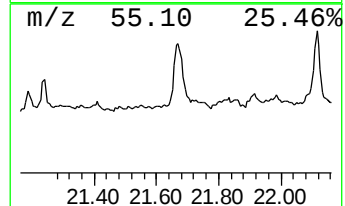
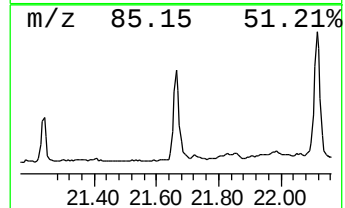
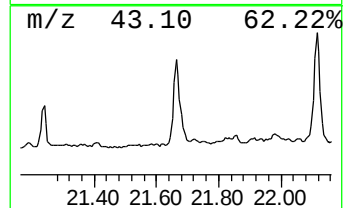
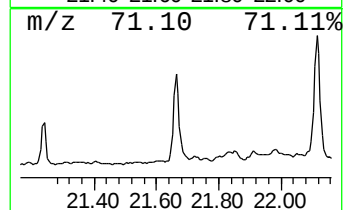
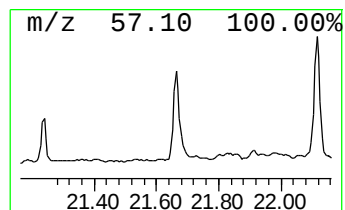
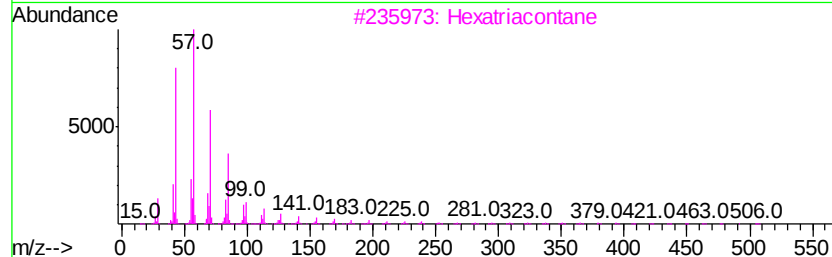
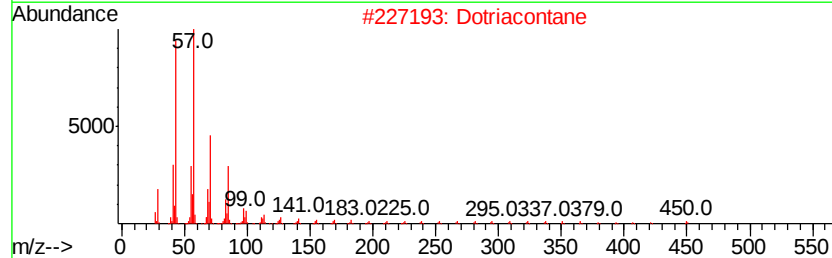
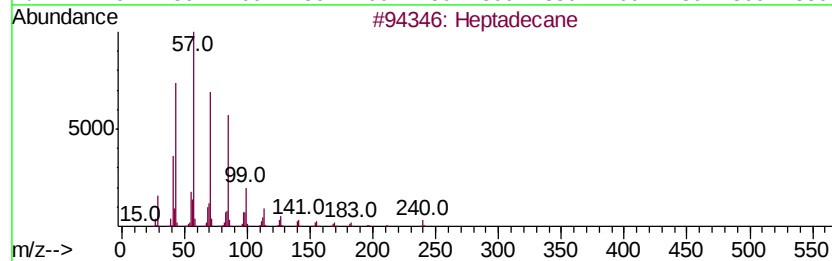
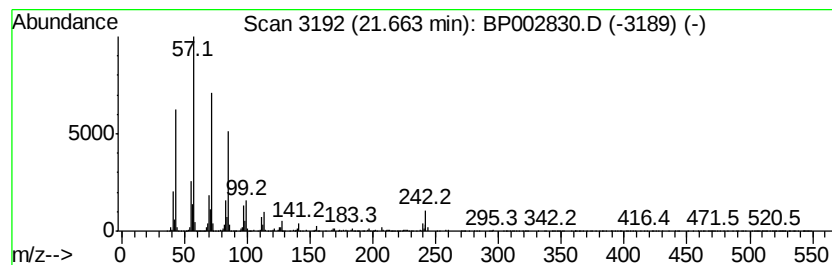
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ClientSampleId :
SOIL-PILE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP071020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Heptadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD		R.T.
21.66	7.11 ng	595260	Chrysene-d12		21.07
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	91
2	Dotriacontane	451	C32H66	000544-85-4	87
3	Hexatriacontane	507	C36H74	000630-06-8	87
4	Hexacosane	366	C26H54	000630-01-3	87
5	Sulfurous acid, butyl dodecyl ester	306	C16H34O3S	1000309-17-9	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP072220\
Data File : BP002830.D
Acq On : 22 Jul 2020 18:06
Operator : CG/JU
Sample : L3362-02
Misc :
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Instrument :
BNA_P
ClientSampleId :
SOIL-PILE

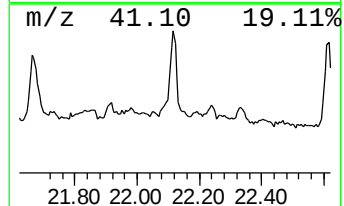
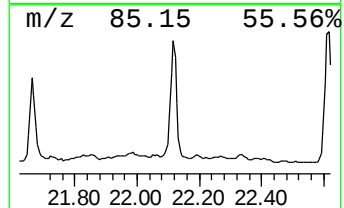
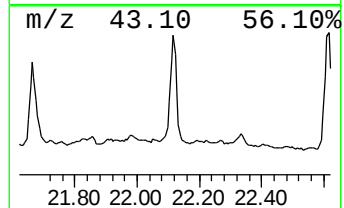
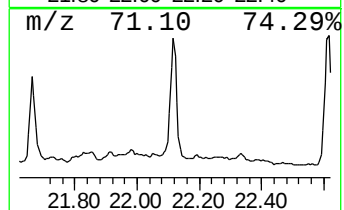
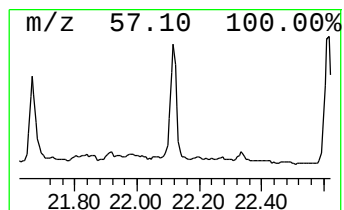
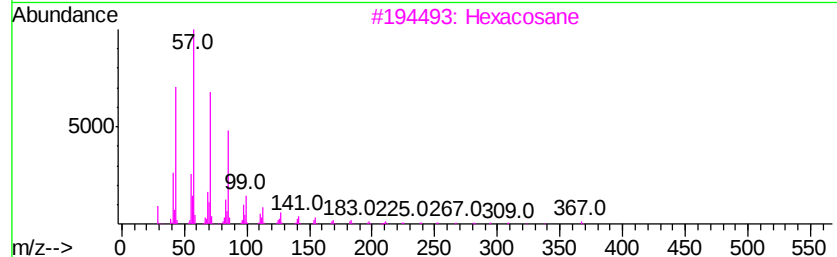
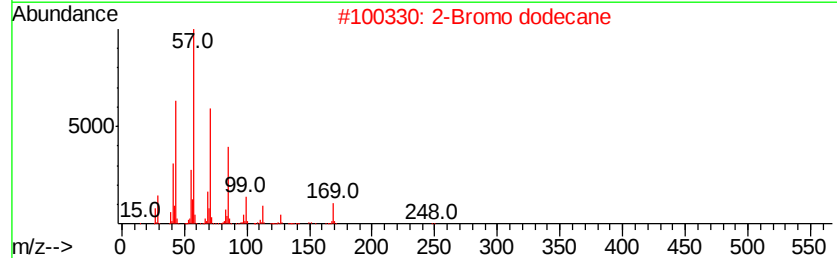
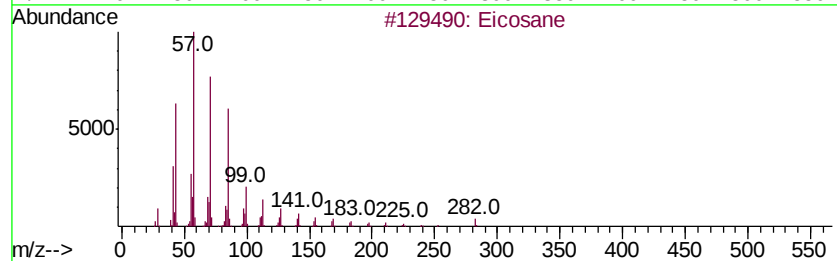
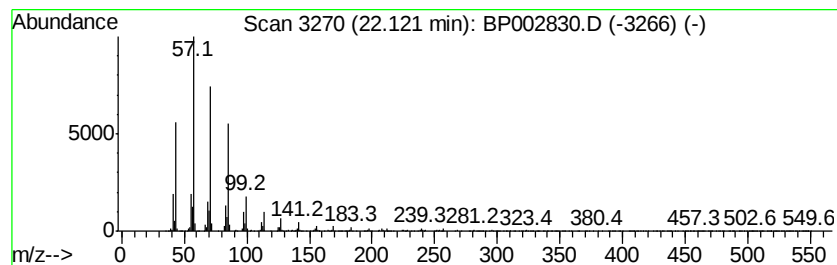
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Eicosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.12	8.96 ng	749531	Chrysene-d12	21.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	94
2		2-Bromo dodecane	248	C12H25Br	013187-99-0	93
3		Hexacosane	366	C26H54	000630-01-3	91
4		Heneicosane	296	C21H44	000629-94-7	91
5		Nonadecane	268	C19H40	000629-92-5	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP072220\
Data File : BP002830.D
Acq On : 22 Jul 2020 18:06
Operator : CG/JU
Sample : L3362-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SOIL-PILE

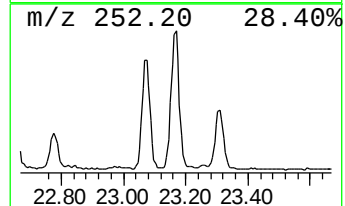
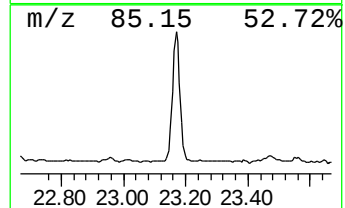
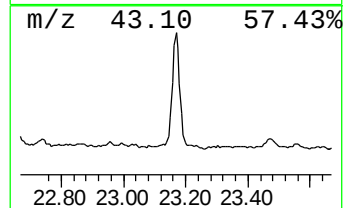
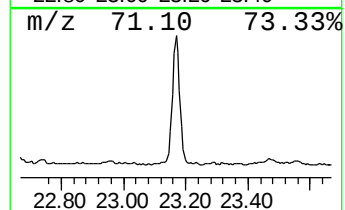
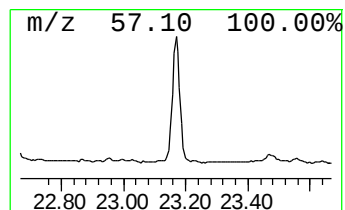
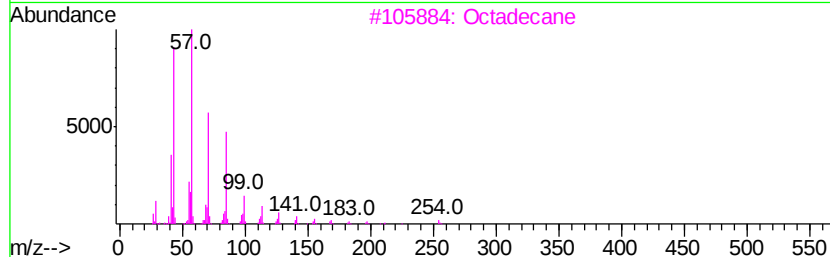
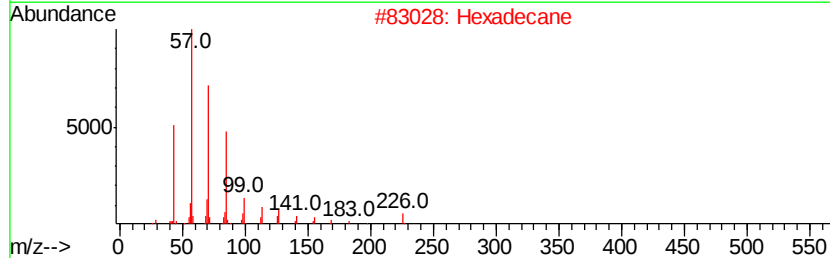
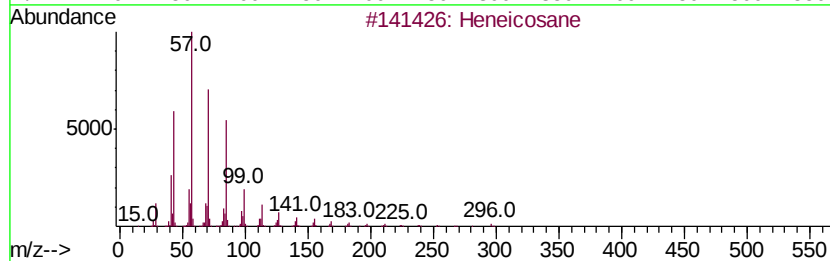
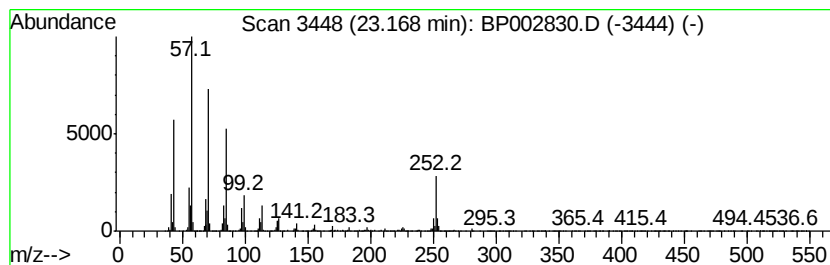
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Heneicosane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.17	14.68 ng	862549	Perylene-d12	23.26

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane		296	C21H44	000629-94-7	96
2	Hexadecane		226	C16H34	000544-76-3	95
3	Octadecane		254	C18H38	000593-45-3	90
4	Tetratriacontane		479	C34H70	014167-59-0	87
5	Octacosane		394	C28H58	000630-02-4	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP072220\
Data File : BP002830.D
Acq On : 22 Jul 2020 18:06
Operator : CG/JU
Sample : L3362-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SOIL-PILE

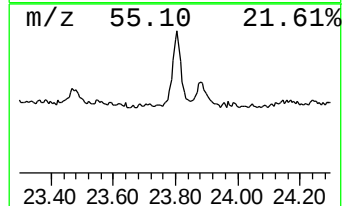
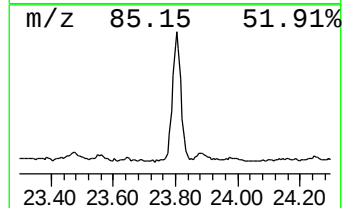
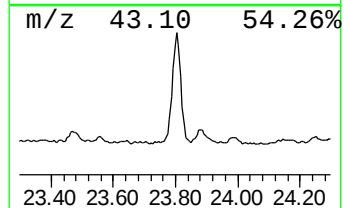
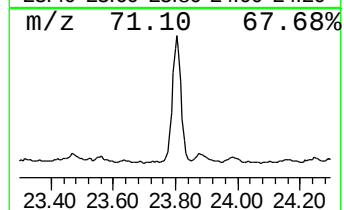
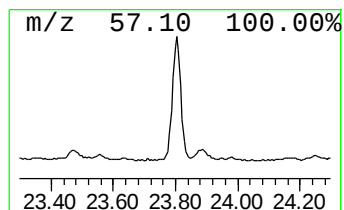
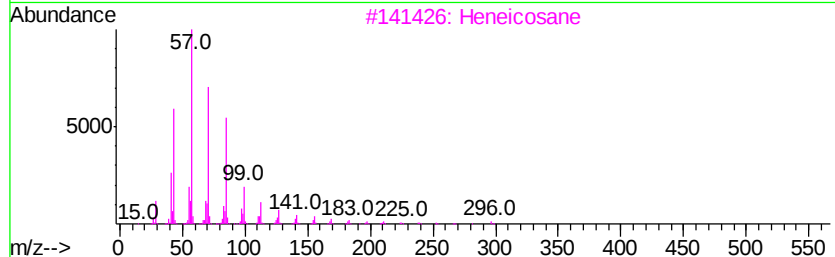
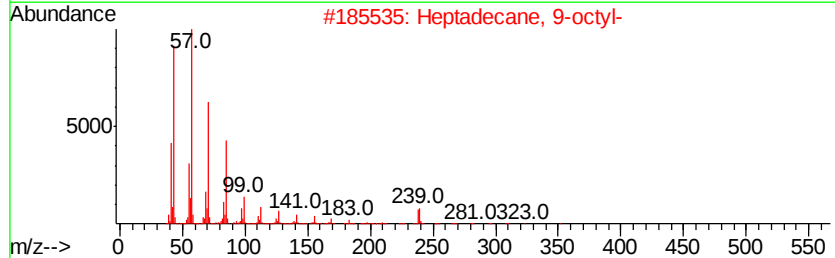
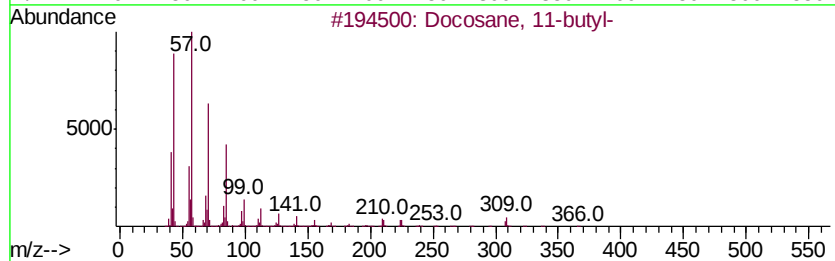
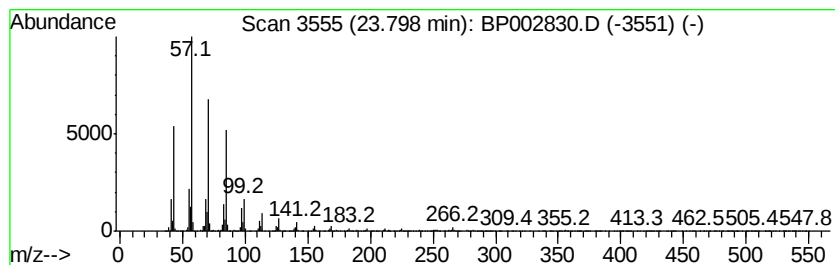
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Docosane, 11-butyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.80	11.94 ng	701814	Perylene-d12	23.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Docosane, 11-butyl-	366	C26H54	013475-76-8	95
2		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	94
3		Heneicosane	296	C21H44	000629-94-7	91
4		Pentacosane	352	C25H52	000629-99-2	91
5		Octacosane	394	C28H58	000630-02-4	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP072220\
Data File : BP002830.D
Acq On : 22 Jul 2020 18:06
Operator : CG/JU
Sample : L3362-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SOIL-PILE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP071020.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
Ethanol, 2-(2-eth...	7.17	2.5	ng	100541	1	7.55	793826	20.0
unknown18.62	18.62	4.5	ng	378856	4	16.96	1687760	20.0
Cetene	18.72	3.0	ng	255541	4	16.96	1687760	20.0
Cyclohexadecane	20.80	10.2	ng	857157	5	21.07	1673970	20.0
Tritriacontane	21.24	2.2	ng	180714	5	21.07	1673970	20.0
Heptadecane	21.66	7.1	ng	595260	5	21.07	1673970	20.0
Eicosane	22.12	9.0	ng	749531	5	21.07	1673970	20.0
Heneicosane	23.17	14.7	ng	862549	6	23.26	1175130	20.0
Docosane, 11-butyl-	23.80	11.9	ng	701814	6	23.26	1175130	20.0