

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122619\
 Data File : BP001423.D
 Acq On : 26 Dec 2019 15:56
 Operator : JU
 Sample : K6312-08
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EFF-WW

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-BP121919.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	7.928	988	993	999	rBV	452970	578218	1.49%	0.204%
2	8.528	1085	1095	1098	rBV	656257	801281	2.06%	0.283%
3	9.169	1198	1204	1217	rVB	466587	577497	1.49%	0.204%
4	10.104	1325	1363	1364	rBV2	171872	1019340	2.62%	0.360%
5	12.792	1800	1820	1823	rBV	3710756	12883006	33.16%	4.544%
6	12.828	1823	1826	1840	rVB	459808	669170	1.72%	0.236%
7	13.181	1881	1886	1891	rBV	750842	1418624	3.65%	0.500%
8	13.651	1962	1966	1974	rBV4	177467	420282	1.08%	0.148%
9	13.992	1990	2024	2027	rBV4	3920472	21009519	54.07%	7.410%
10	14.228	2062	2064	2066	rVB	8595816	6122463	15.76%	2.159%
11	14.457	2099	2103	2114	rVB2	247447	481382	1.24%	0.170%
12	14.557	2114	2120	2125	rVV2	230437	420222	1.08%	0.148%
13	14.634	2127	2133	2138	rVB2	329396	468737	1.21%	0.165%
14	14.739	2144	2151	2165	rBV	1601502	3179631	8.18%	1.121%
15	15.110	2209	2214	2218	rVV2	381505	682662	1.76%	0.241%
16	15.451	2237	2272	2294	rVB	7919507	36199825	93.17%	12.767%
17	16.610	2444	2469	2471	rBV	4894510	18016502	46.37%	6.354%
18	17.116	2551	2555	2556	rBV	354849	406521	1.05%	0.143%
19	17.133	2556	2558	2563	rVV	749554	818024	2.11%	0.289%
20	17.198	2564	2569	2575	rVV	684358	873743	2.25%	0.308%
21	17.316	2585	2589	2592	rVV	438460	614556	1.58%	0.217%
22	17.351	2592	2595	2599	rVB	695981	700305	1.80%	0.247%
23	17.486	2610	2618	2620	rBV	2714262	3727987	9.60%	1.315%
24	17.563	2620	2631	2637	rVV	4684886	13849943	35.65%	4.885%
25	17.651	2637	2646	2652	rVV2	3238310	6031529	15.52%	2.127%
26	17.710	2652	2656	2661	rVV	713223	898138	2.31%	0.317%
27	17.775	2662	2667	2672	rVB2	319314	649434	1.67%	0.229%
28	17.886	2672	2686	2690	rBV2	14562708	33608804	86.50%	11.853%
29	18.004	2699	2706	2709	rBV	2963947	3002516	7.73%	1.059%
30	18.033	2709	2711	2716	rVV2	323290	409894	1.05%	0.145%
31	18.086	2716	2720	2724	rVV	790328	1130501	2.91%	0.399%
32	18.127	2724	2727	2730	rVV	671870	724461	1.86%	0.256%
33	18.192	2733	2738	2743	rVB	602548	814557	2.10%	0.287%
34	18.386	2755	2771	2774	rBV	16443464	38853177	100.00%	13.703%

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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

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35	18.480	2781	2787	2789	rBV	2215783	2300510	5.92%	0.811%
36	18.539	2792	2797	2801	rVB3	674865	1178493	3.03%	0.416%
37	18.580	2801	2804	2809	rVB	605242	648940	1.67%	0.229%
38	18.651	2810	2816	2819	rBV	492469	570491	1.47%	0.201%
39	18.845	2834	2849	2852	rBV	14805081	33196410	85.44%	11.708%
40	18.933	2859	2864	2866	rBV	2004022	2121253	5.46%	0.748%
41	19.127	2891	2897	2903	rVB2	445505	844145	2.17%	0.298%
42	19.286	2910	2924	2926	rBV	15134322	30126163	77.54%	10.625%
43	19.910	3025	3030	3036	rVB	411365	493444	1.27%	0.174%

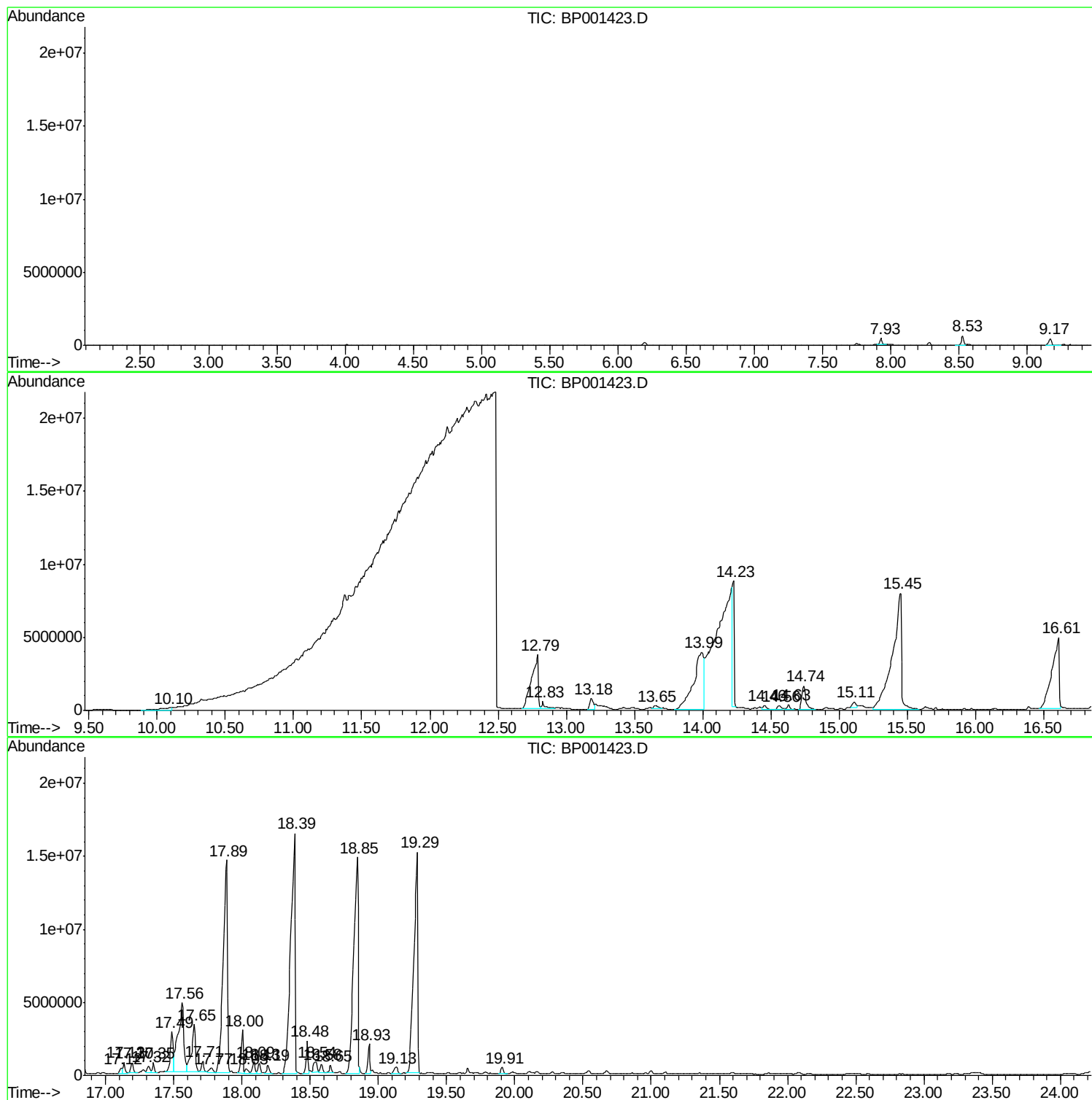
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP121919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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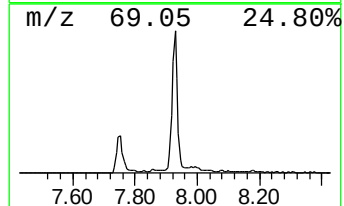
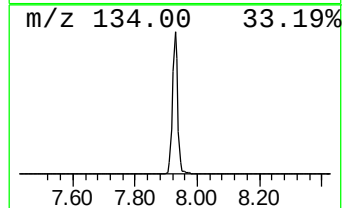
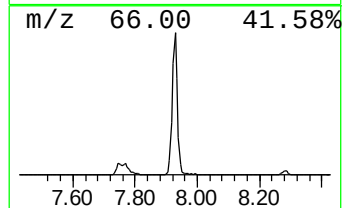
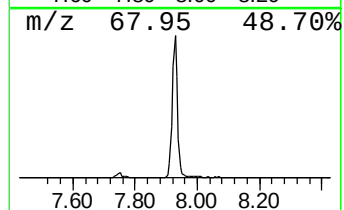
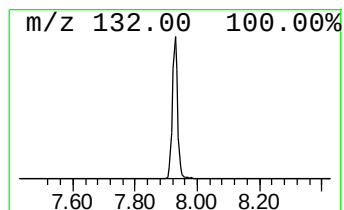
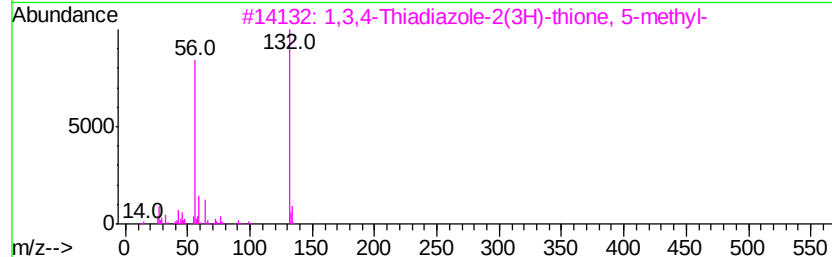
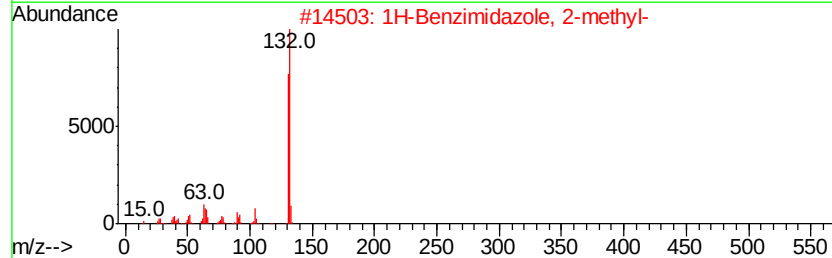
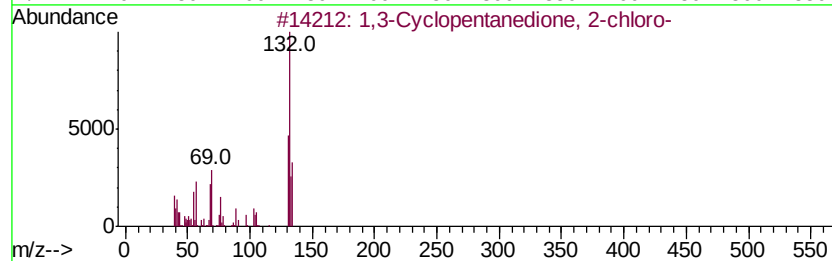
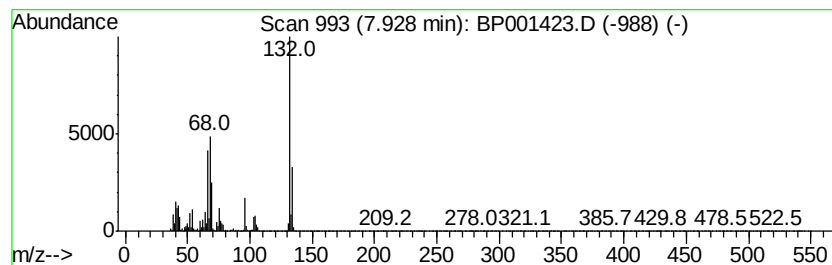
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP121919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown7.93 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.93	14.43 ng	578218	1,4-Dichlorobenzene-d4	8.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	22
2		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	14
3		1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	14
4		3H-1,2-Dithiol-3-one, 5-methyl-	132	C4H4OS2	003620-08-4	10
5		1,2,4-Trifluorobenzene	132	C6H3F3	000367-23-7	10



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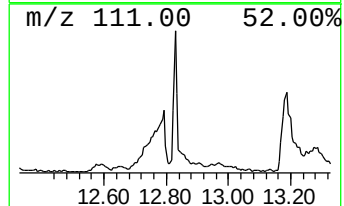
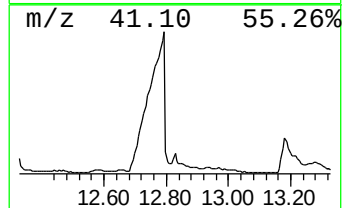
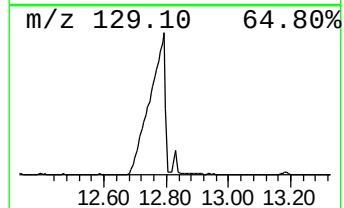
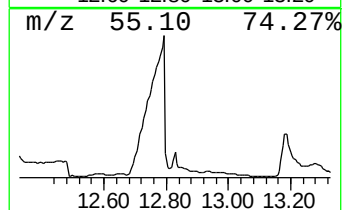
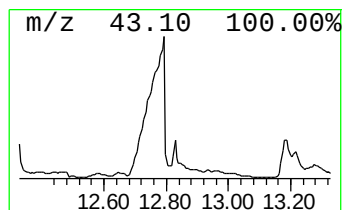
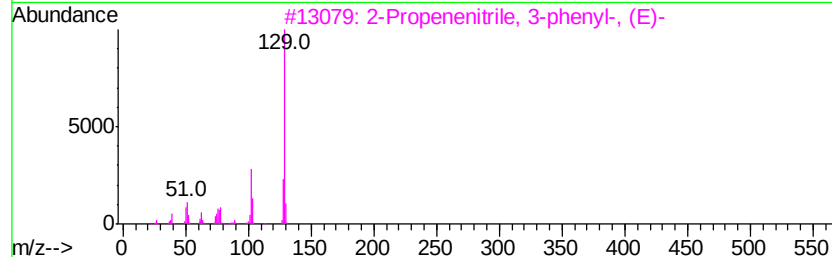
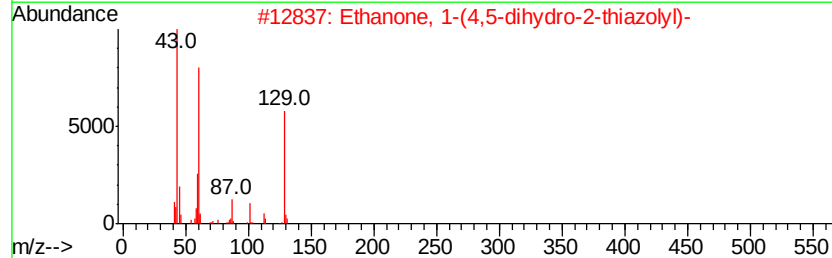
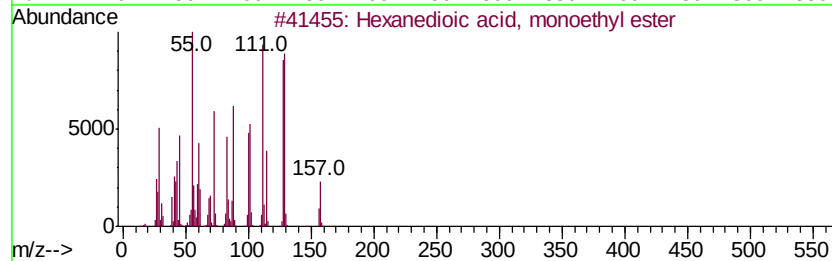
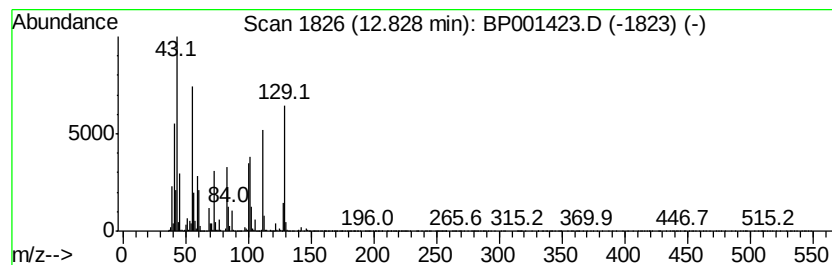
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Peak Number 5 Hexanedioic acid, monoethyl... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.83	9.43 ng	669170	Acenaphthene-d10	13.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexanedioic acid, monoethyl ester	174	C8H14O4	000626-86-8	59
2		Ethanone, 1-(4,5-dihydro-2-thiaz...	129	C5H7NOS	029926-41-8	22
3		2-Propenenitrile, 3-phenyl-, (E)-	129	C9H7N	001885-38-7	18
4		1,2,4-Triazin-5(2H)-one, 3,4-dih...	129	C3H3N3OS	000626-08-4	18
5		Butanedioic acid, 2-methyl-3-oxo...	202	C9H14O5	000759-65-9	16



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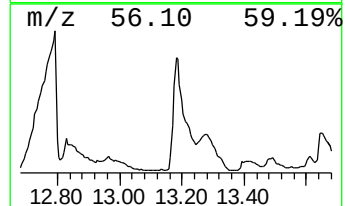
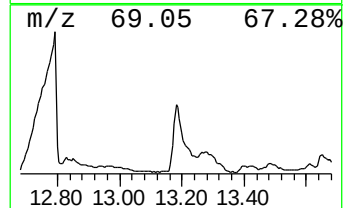
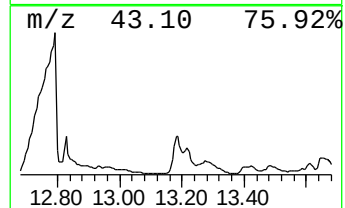
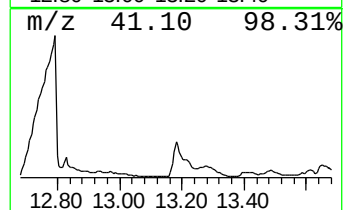
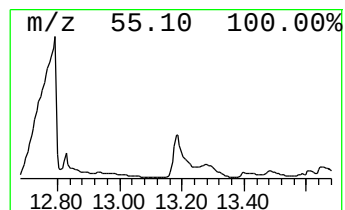
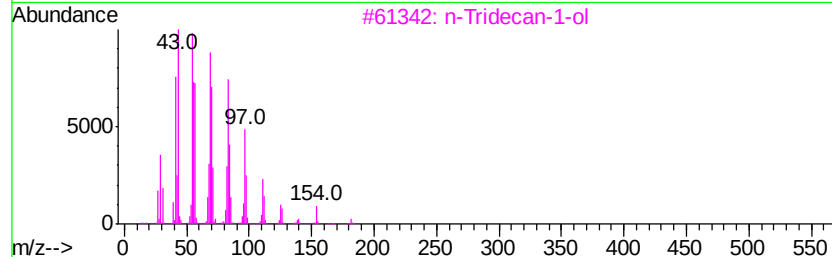
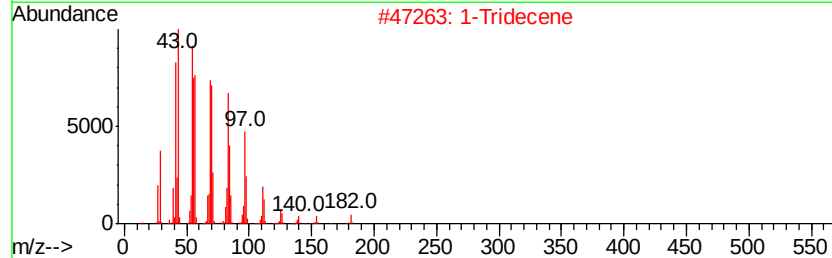
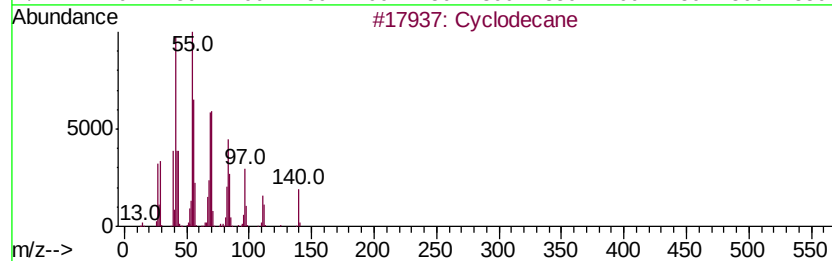
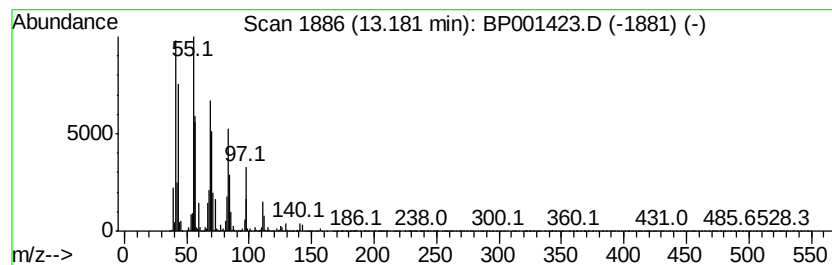
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Cyclodecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.18	20.00 ng	1418620	Acenaphthene-d10	13.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclodecane	140	C10H20	000293-96-9	95
2		1-Tridecene	182	C13H26	002437-56-1	91
3		n-Tridecan-1-ol	200	C13H28O	000112-70-9	91
4		2-Butenedioic acid (Z)-, monodod...	284	C16H28O4	002424-61-5	91
5		Cetene	224	C16H32	000629-73-2	91



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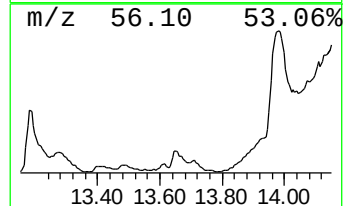
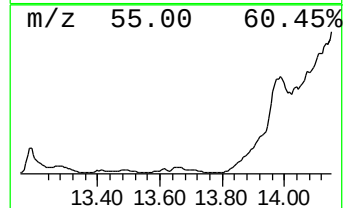
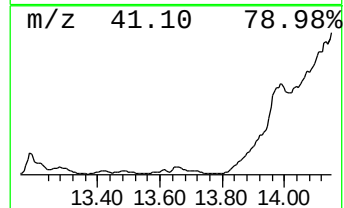
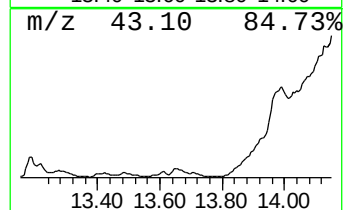
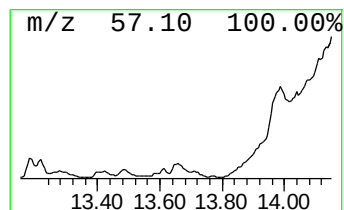
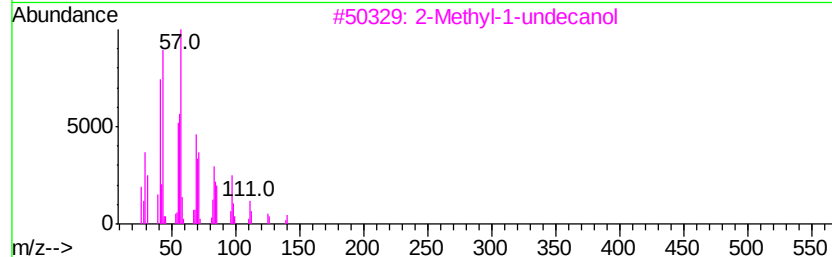
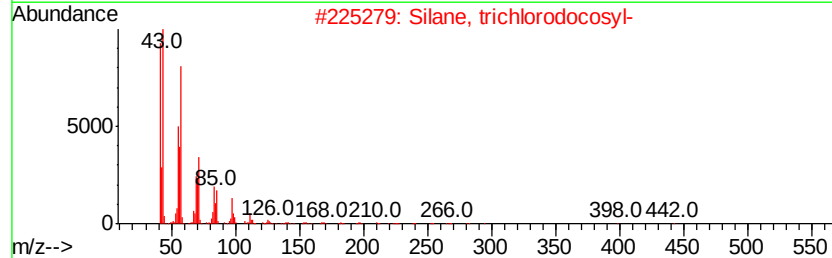
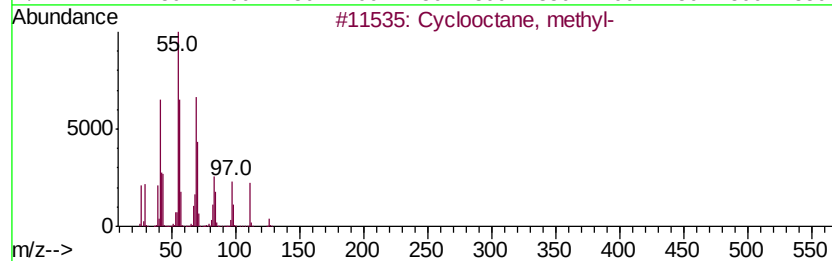
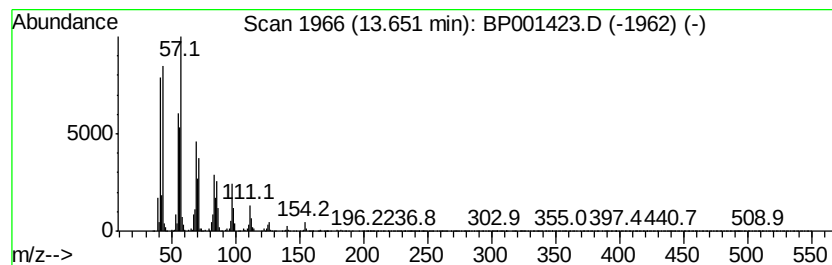
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Cyclooctane, methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD		R.T.
13.65	5.93 ng	420282	Acenaphthene-d10		13.25
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cvclooctane, methyl-	126	C9H18	001502-38-1	90
2	Silane, trichlorodocosyl-	442	C22H45Cl3Si	007325-84-0	80
3	2-Methyl-1-undecanol	186	C12H26O	010522-26-6	80
4	3-Heptafluorobutyroxytridecane	396	C17H27F7O2	1000245-49-5	62
5	Oxalic acid, allyl pentadecyl ester	340	C20H36O4	1000309-24-3	58



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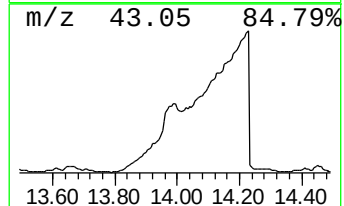
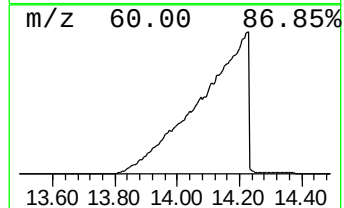
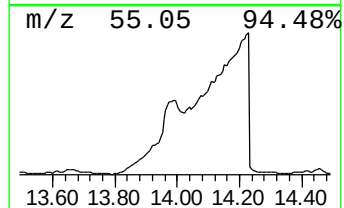
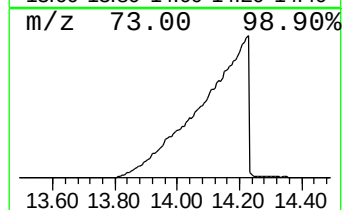
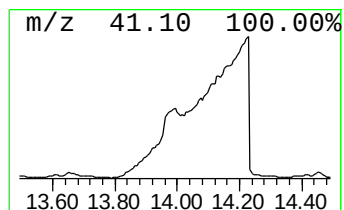
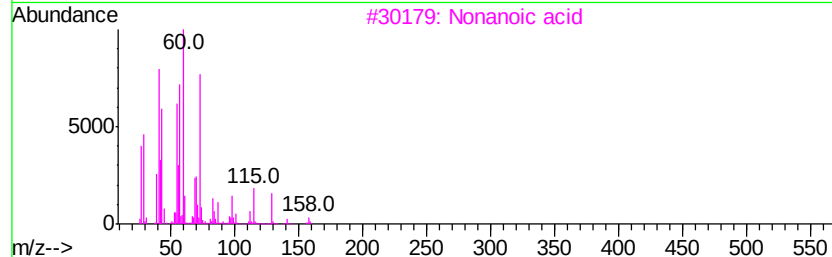
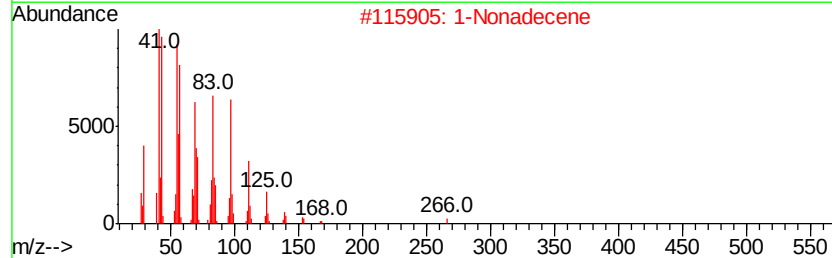
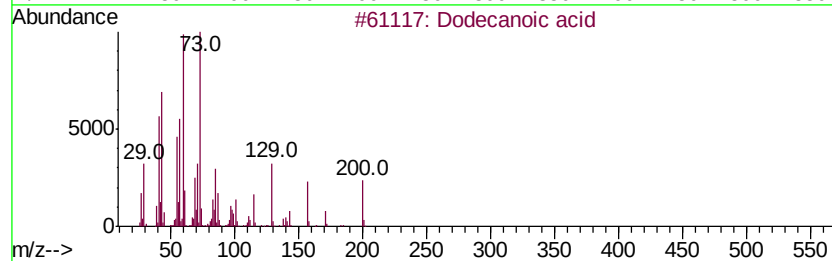
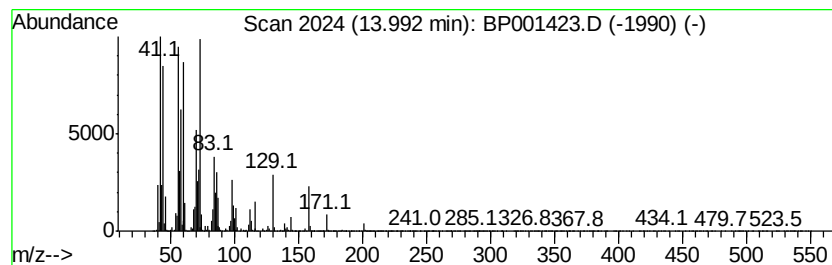
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Dodecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.99	296.20 ng	21009500	Acenaphthene-d10	13.25
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Dodecanoic acid	200 C12H24O2	000143-07-7 83
2		1-Nonadecene	266 C19H38	018435-45-5 43
3		Nonanoic acid	158 C9H18O2	000112-05-0 42
4		5-Octadecene, (E)-	252 C18H36	007206-21-5 30
5		Ethanone, 1-(4,5-dihydro-2-thiaz...	129 C5H7NOS	029926-41-8 30



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122619\
Data File : BP001423.D
Acq On : 26 Dec 2019 15:56
Operator : JU
Sample : K6312-08
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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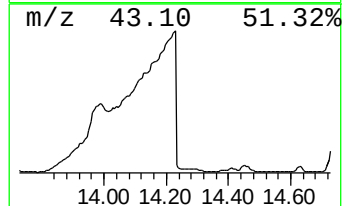
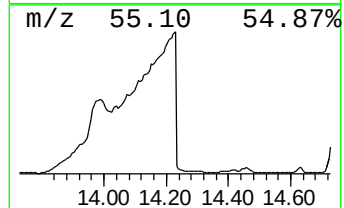
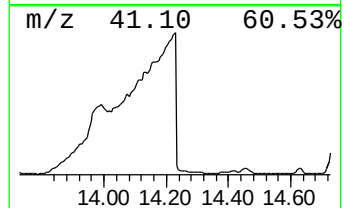
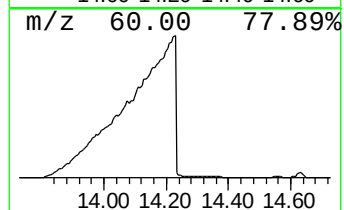
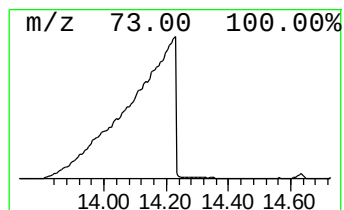
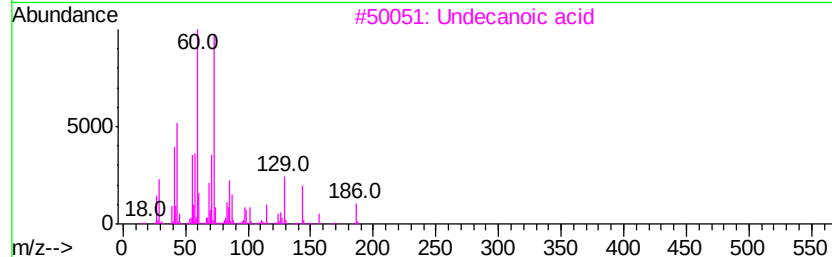
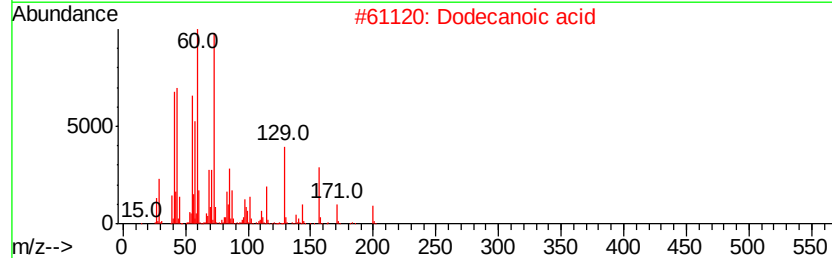
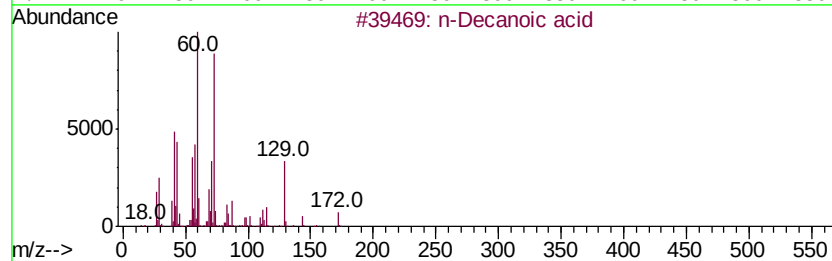
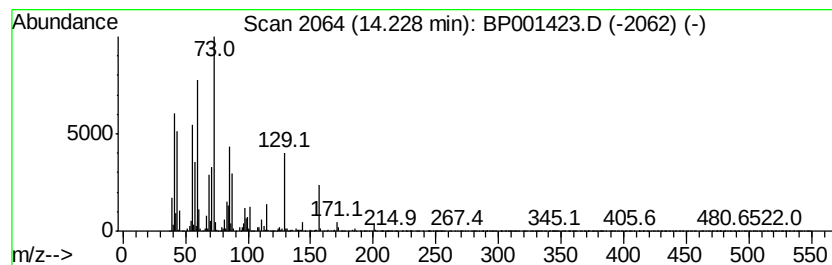
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 n-Decanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.23	86.32 ng	6122460	Acenaphthene-d10	13.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Decanoic acid	172	C10H20O2	000334-48-5	59
2		Dodecanoic acid	200	C12H24O2	000143-07-7	56
3		Undecanoic acid	186	C11H22O2	000112-37-8	50
4		Heptanoic acid	130	C7H14O2	000111-14-8	38
5		Octanoic acid	144	C8H16O2	000124-07-2	35



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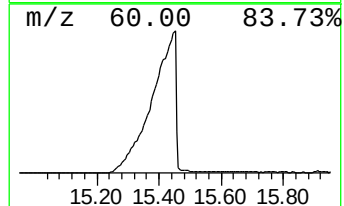
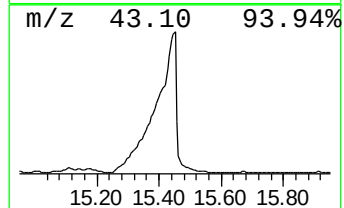
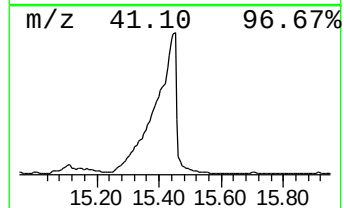
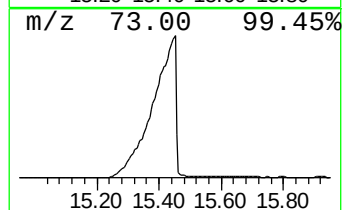
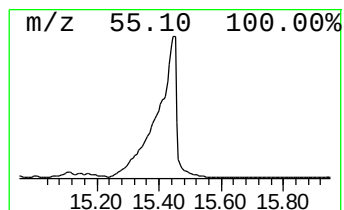
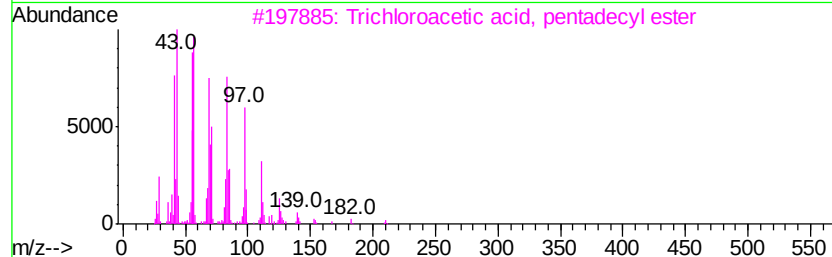
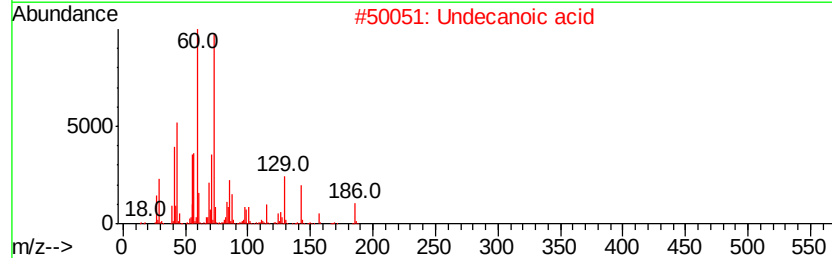
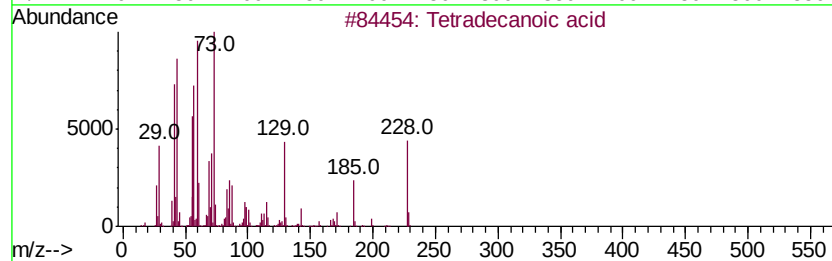
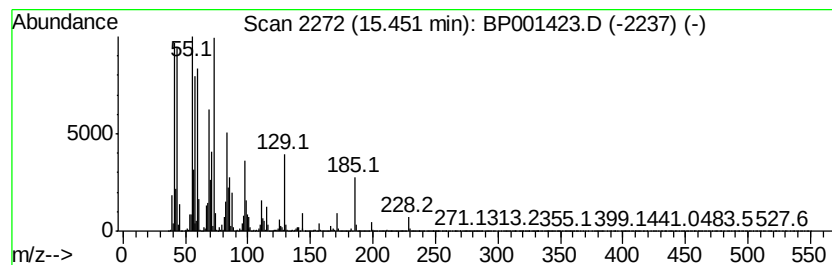
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Tetradecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.45	20.00 ng	36199800	Phenanthrene-d10	15.65

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecanoic acid	228	C14H28O2	000544-63-8	94
2		Undecanoic acid	186	C11H22O2	000112-37-8	76
3		Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	42
4		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	42
5		Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	42



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Misc :
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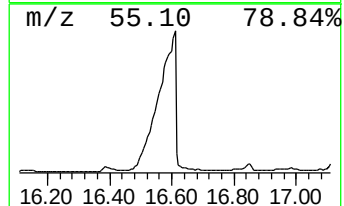
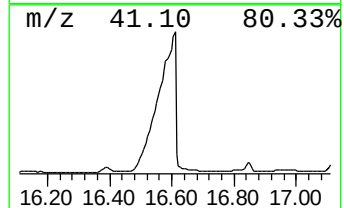
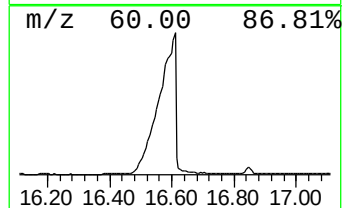
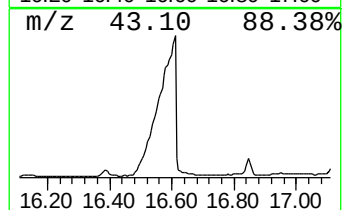
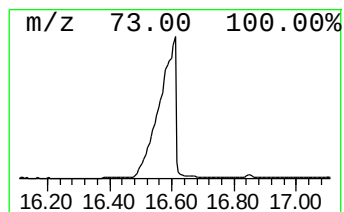
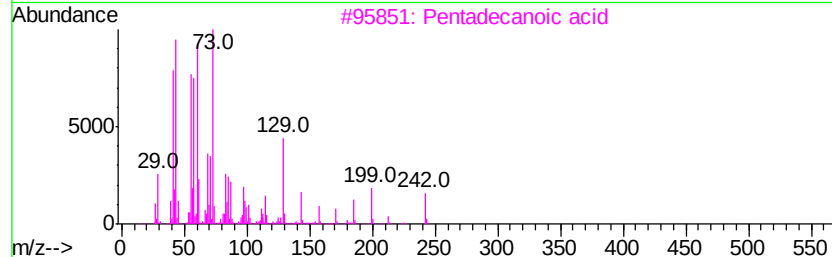
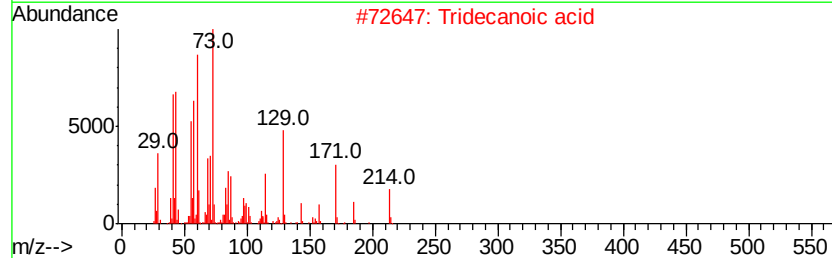
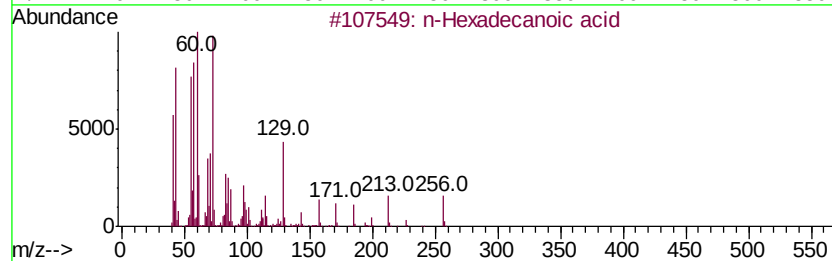
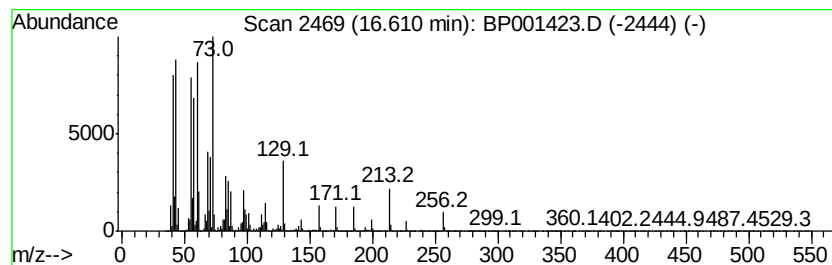
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 n-Hexadecanoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.61	9.95 ng	18016500	Phenanthrene-d10	15.65

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2			Tridecanoic acid	214	C13H26O2	000638-53-9	95
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	91
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	81
5			Estra-1,3,5(10)-trien-17.beta.-ol	256	C18H24O	002529-64-8	30



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122619\
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Misc :
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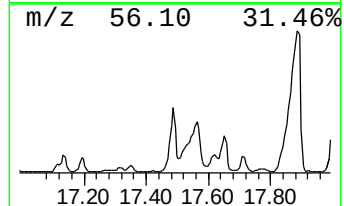
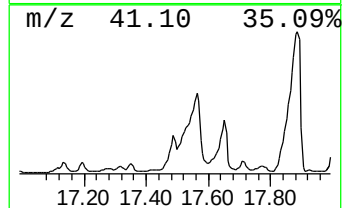
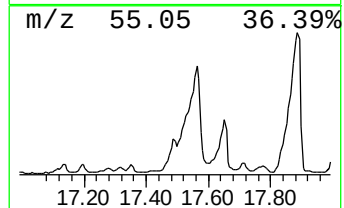
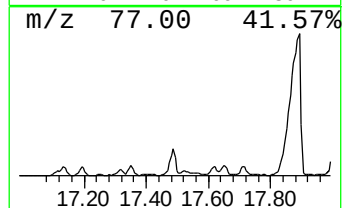
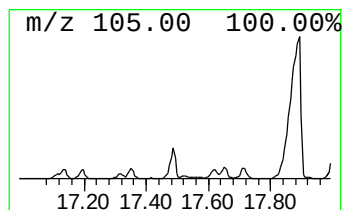
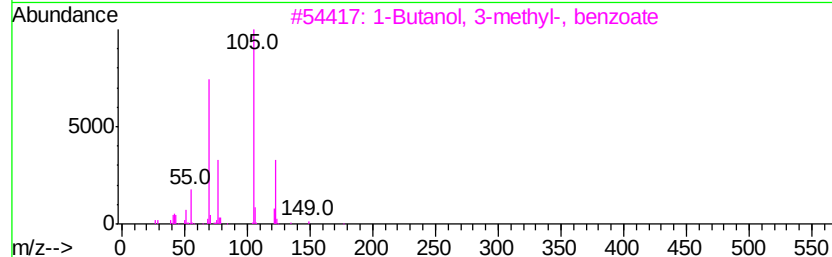
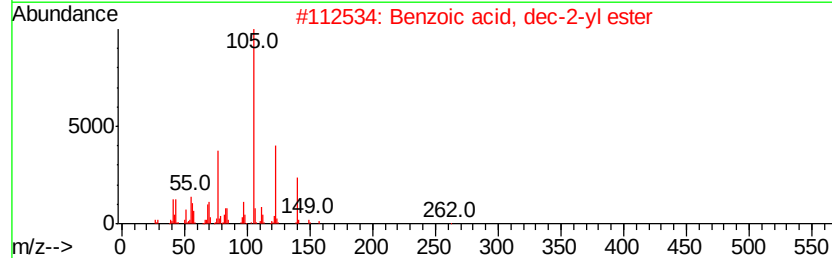
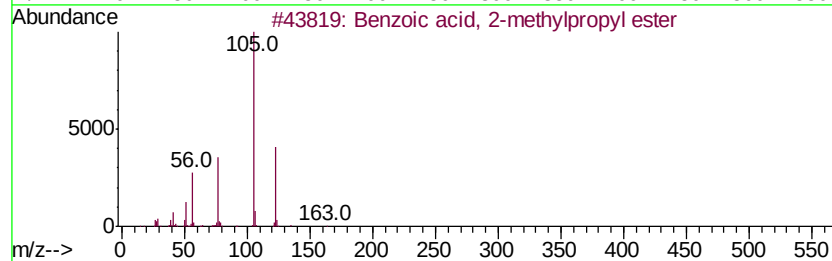
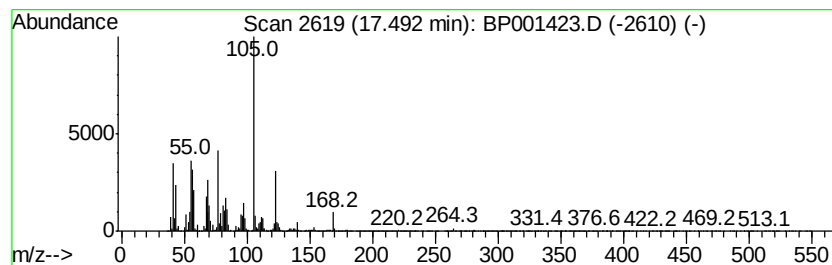
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Benzoic acid, 2-methylpropy... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.49	2.47 ng	3727990	Chrysene-d12	19.25

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzoic acid, 2-methylpropyl ester	178	C11H14O2	000120-50-3	59
2			Benzoic acid, dec-2-yl ester	262	C17H26O2	1000367-89-7	52
3			1-Butanol, 3-methyl-, benzoate	192	C12H16O2	000094-46-2	47
4			Benzoic acid, hex-3-yl ester	206	C13H18O2	1000367-94-6	47
5			2-Octyl benzoate	234	C15H22O2	006938-51-8	38



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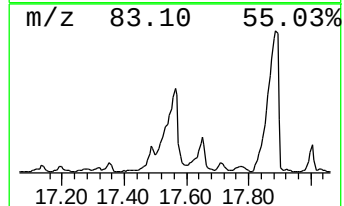
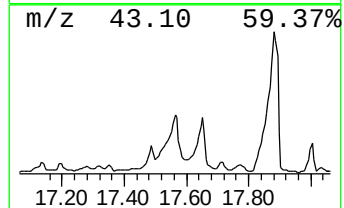
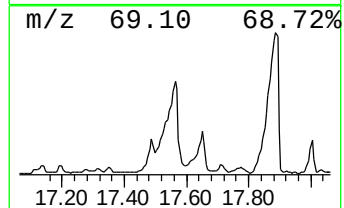
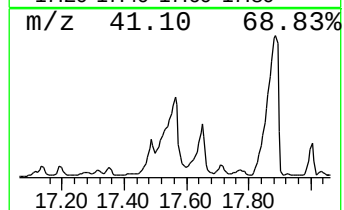
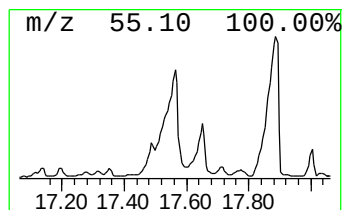
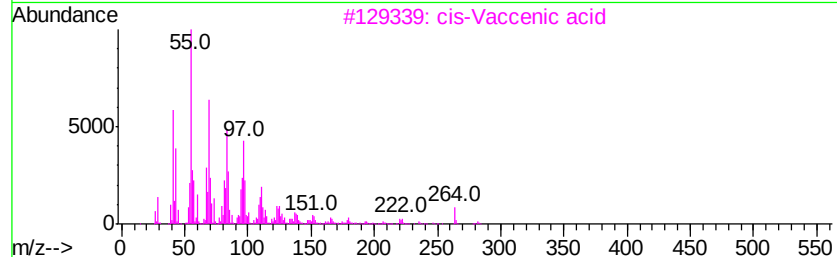
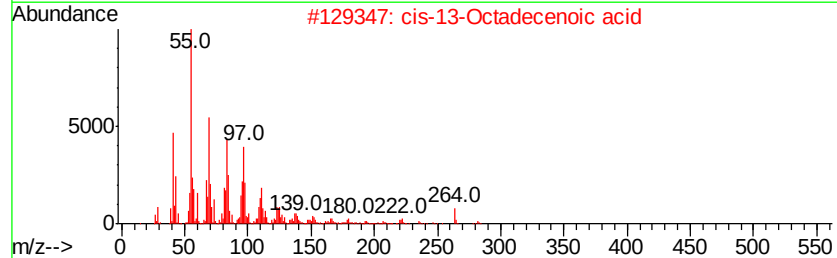
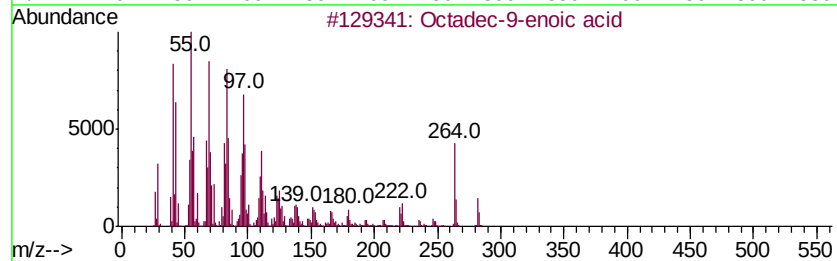
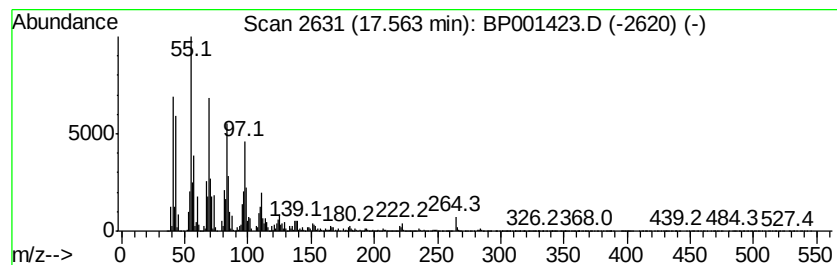
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 Octadec-9-enoic acid Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.56	9.19 ng	13849900	Chrysene-d12	19.25

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadec-9-enoic acid	282	C18H34O2	1000190-13-7	99
2			cis-13-Octadecenoic acid	282	C18H34O2	013126-39-1	94
3			cis-Vaccenic acid	282	C18H34O2	000506-17-2	94
4			trans-13-Octadecenoic acid	282	C18H34O2	000693-71-0	93
5			Oleic Acid	282	C18H34O2	000112-80-1	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122619\
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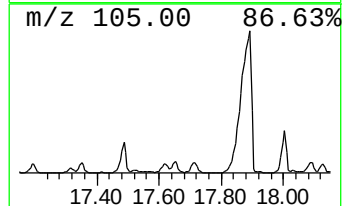
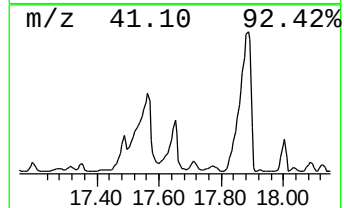
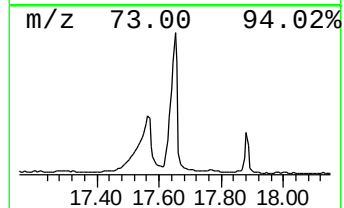
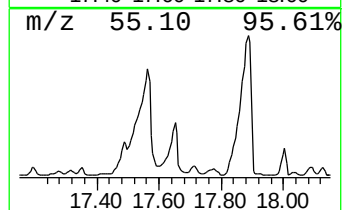
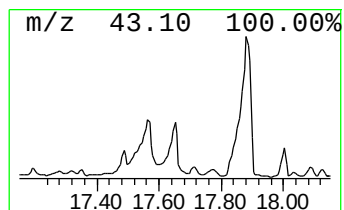
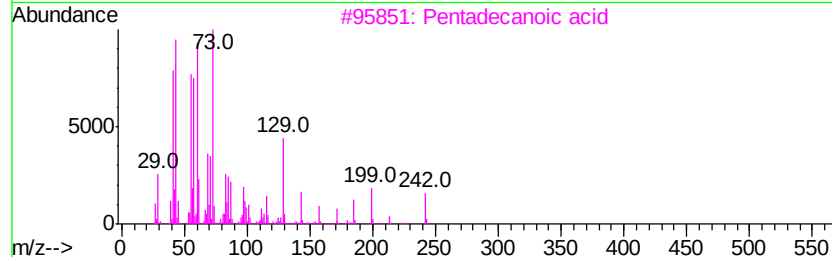
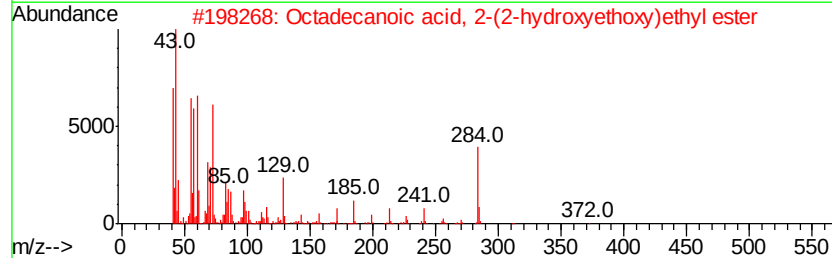
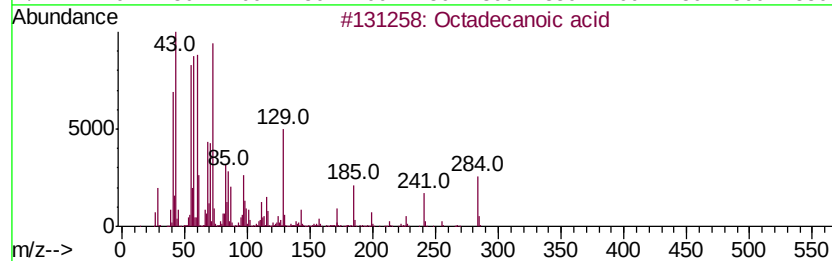
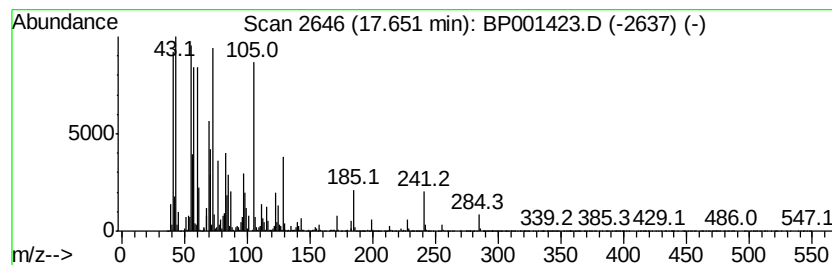
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 Octadecanoic acid Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.65	4.00 ng	6031530	Chrysene-d12	19.25

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	97
2			Octadecanoic acid, 2-(2-hydroxyve...	372	C22H44O4	000106-11-6	94
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	83
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	53
5			Tridecanoic acid	214	C13H26O2	000638-53-9	47



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ALS Vial : 11 Sample Multiplier: 1

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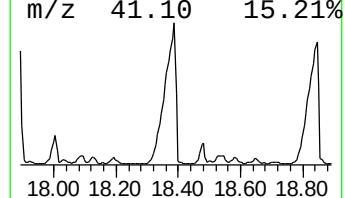
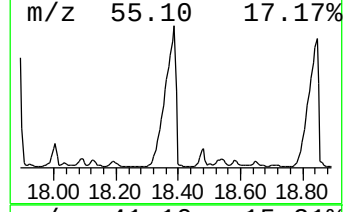
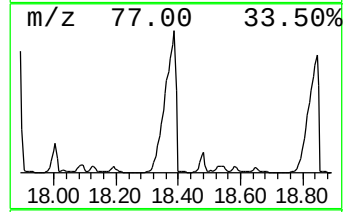
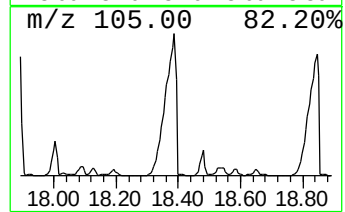
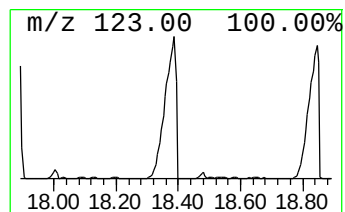
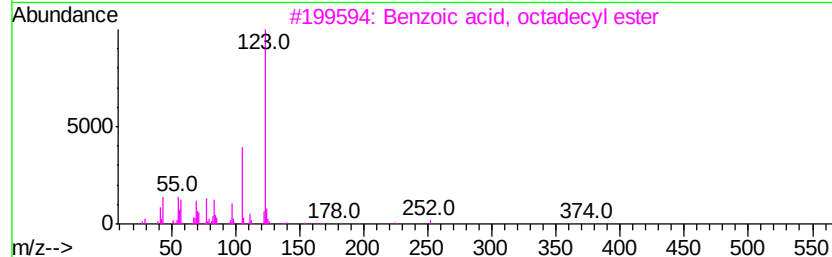
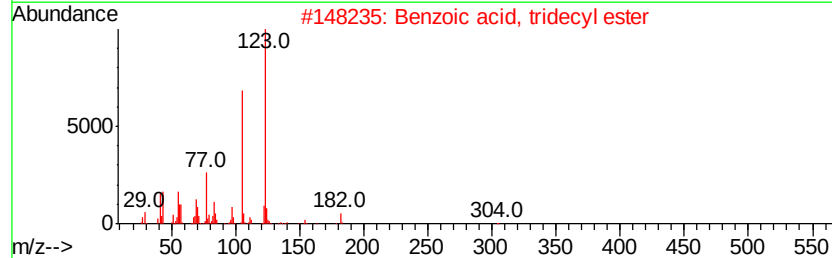
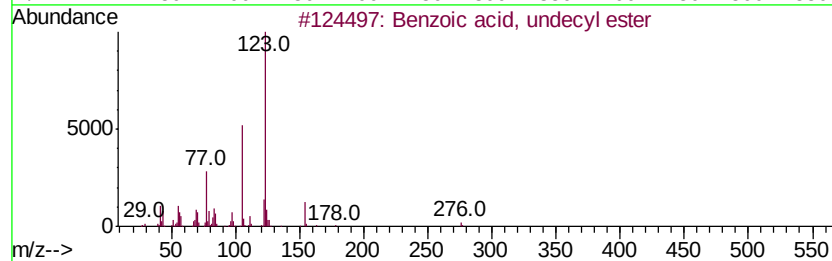
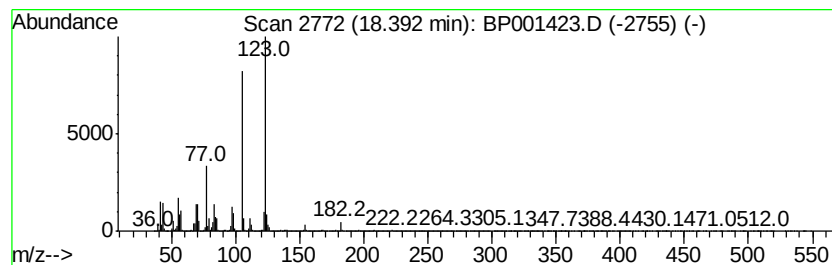
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Benzoic acid, undecyl ester Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.39	25.79 ng	38853200	Chrysene-d12	19.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzoic acid, undecyl ester	276	C18H28O2	006316-30-9	93
2		Benzoic acid, tridecyl ester	304	C20H32O2	1000340-22-6	91
3		Benzoic acid, octadecyl ester	374	C25H42O2	1000340-23-1	74
4		2,6-Pyridinedicarboxylic acid	167	C7H5NO4	000499-83-2	72
5		Benzoic acid, heptadecyl ester	360	C24H40O2	1000340-23-0	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122619\
Data File : BP001423.D
Acq On : 26 Dec 2019 15:56
Operator : JU
Sample : K6312-08
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EFF-WW

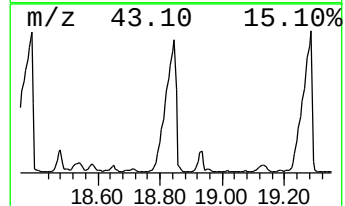
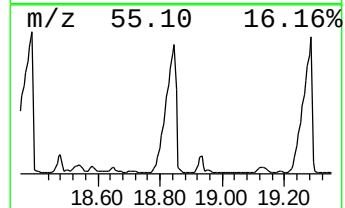
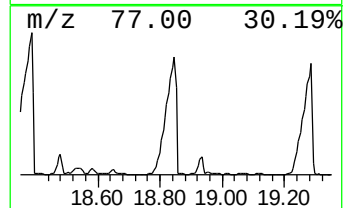
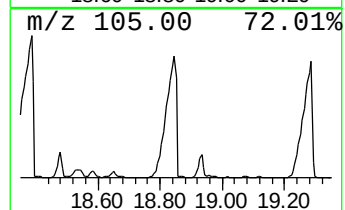
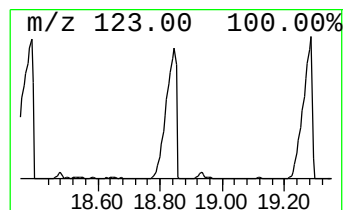
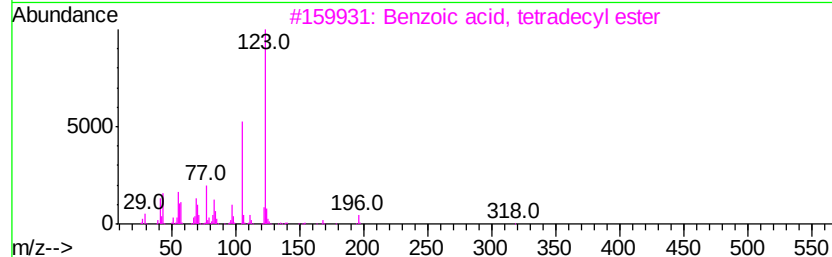
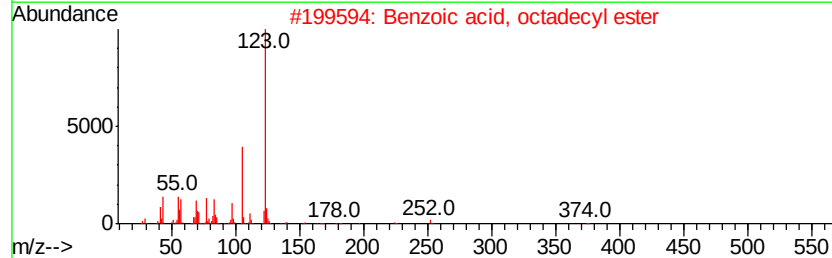
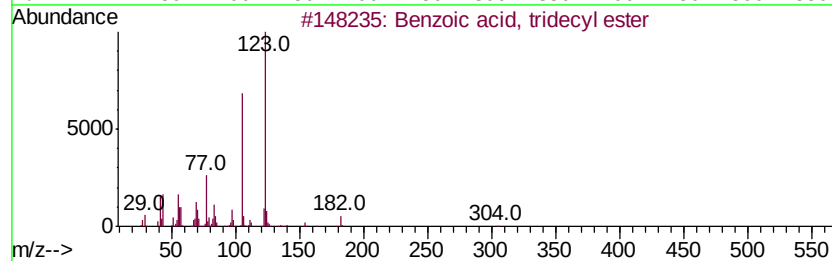
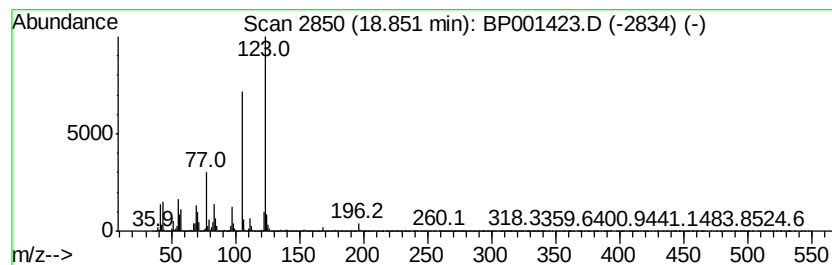
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Benzoic acid, tridecyl ester Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.85	22.04 ng	33196400	Chrysene-d12	19.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzoic acid, tridecyl ester	304	C20H32O2	1000340-22-6	91
2		Benzoic acid, octadecyl ester	374	C25H42O2	1000340-23-1	87
3		Benzoic acid, tetradecyl ester	318	C21H34O2	1000340-22-7	87
4		Benzoic acid, nonadecyl ester	388	C26H44O2	1000340-23-2	86
5		Benzoic acid, heptadecyl ester	360	C24H40O2	1000340-23-0	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP122619\
 Data File : BP001423.D
 Acq On : 26 Dec 2019 15:56
 Operator : JU
 Sample : K6312-08
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EFF-WW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP121919.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
unknown7.93	7.93	14.4	ng	578218	1	8.29	801281	20.0
Hexanedioic acid,...	12.83	9.4	ng	669170	3	13.25	1418620	20.0
Cyclodecane	13.18	20.0	ng	1418620	3	13.25	1418620	20.0
Cyclooctane, methyl-	13.65	5.9	ng	420282	3	13.25	1418620	20.0
Dodecanoic acid	13.99	296.2	ng	21009500	3	13.25	1418620	20.0
n-Decanoic acid	14.23	86.3	ng	6122460	3	13.25	1418620	20.0
Tetradecanoic acid	15.45	20.0	ng	36199800	4	15.65	36199800	20.0
n-Hexadecanoic acid	16.61	9.9	ng	18016500	4	15.65	36199800	20.0
Benzoic acid, 2-m...	17.49	2.5	ng	3727990	5	19.25	30126200	20.0
Octadec-9-enoic acid	17.56	9.2	ng	13849900	5	19.25	30126200	20.0
Octadecanoic acid	17.65	4.0	ng	6031530	5	19.25	30126200	20.0
Benzoic acid, und...	18.39	25.8	ng	38853200	5	19.25	30126200	20.0
Benzoic acid, tri...	18.85	22.0	ng	33196400	5	19.25	30126200	20.0