

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121021\
 Data File : BM033397.D
 Acq On : 10 Dec 2021 16:49
 Operator : CG/JU
 Sample : M4965-14
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BLUE-CONCRETE-COMP

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_M\Methods\8270-BM120821.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM033397.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.490	377	383	389	rVV	1008322	1492807	17.28%	2.853%
2	5.549	389	393	405	rVB	177171	306654	3.55%	0.586%
3	5.919	449	456	461	rBV	77988	119531	1.38%	0.228%
4	5.990	463	468	475	rVB	62792	95434	1.10%	0.182%
5	6.937	613	629	635	rBV	56485	130603	1.51%	0.250%
6	7.078	640	653	664	rVV2	985517	2105700	24.38%	4.025%
7	7.901	784	793	799	rVB2	223490	395881	4.58%	0.757%
8	8.154	825	836	853	rBV	1835897	3155166	36.53%	6.031%
9	8.425	878	882	887	rBV	79085	134718	1.56%	0.258%
10	8.560	899	905	911	rBV	68474	108312	1.25%	0.207%
11	8.631	911	917	924	rBV	235904	371461	4.30%	0.710%
12	9.066	984	991	997	rBV	649858	1079716	12.50%	2.064%
13	9.195	1007	1013	1022	rBV3	58143	131640	1.52%	0.252%
14	10.001	1138	1150	1159	rBV	758663	1334900	15.46%	2.552%
15	10.084	1160	1164	1170	rVB	62556	103268	1.20%	0.197%
16	10.472	1223	1230	1240	rBV	436777	698636	8.09%	1.335%
17	10.701	1263	1269	1275	rVB	264283	452973	5.24%	0.866%
18	11.060	1324	1330	1342	rBV2	62519	122409	1.42%	0.234%
19	11.225	1351	1358	1363	rBV	141999	229360	2.66%	0.438%
20	11.283	1363	1368	1373	rVV	180224	269967	3.13%	0.516%
21	11.501	1399	1405	1411	rBV	57333	104080	1.21%	0.199%
22	11.719	1433	1442	1451	rVB	194860	336343	3.89%	0.643%
23	12.430	1559	1563	1568	rBV	111923	166598	1.93%	0.318%
24	12.889	1634	1641	1653	rBV	3387032	5285370	61.19%	10.103%
25	13.142	1676	1684	1699	rBV3	5438786	8636981	100.00%	16.509%
26	13.419	1725	1731	1739	rVB	364612	568000	6.58%	1.086%
27	14.054	1834	1839	1849	rVV3	111162	185774	2.15%	0.355%
28	14.166	1853	1858	1866	rVB2	67206	109199	1.26%	0.209%
29	14.530	1912	1920	1925	rVB	375172	589310	6.82%	1.126%
30	14.636	1932	1938	1943	rBV2	77437	127643	1.48%	0.244%
31	14.954	1983	1992	2000	rBV3	99727	263134	3.05%	0.503%
32	15.136	2019	2023	2032	rBV2	92133	195234	2.26%	0.373%
33	15.313	2048	2053	2059	rBV2	319673	420017	4.86%	0.803%
34	15.524	2084	2089	2094	rVB	71096	95475	1.11%	0.182%
35	16.013	2165	2172	2189	rVB4	879166	1661462	19.24%	3.176%
36	16.260	2209	2214	2218	rVB	323539	447973	5.19%	0.856%

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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

Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM120821.M
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37	16.348	2224	2229	2233	rBV	892093	1188846	13.76%	2.272%
38	16.407	2233	2239	2245	rVV3	1044477	2028657	23.49%	3.878%
39	16.465	2245	2249	2254	rVV2	908630	1348481	15.61%	2.578%
40	16.513	2254	2257	2261	rVV	488187	611218	7.08%	1.168%
41	16.565	2261	2266	2268	rVV	282904	445466	5.16%	0.851%
42	16.613	2272	2274	2278	rVV	204241	245503	2.84%	0.469%
43	16.665	2278	2283	2290	rVV3	481834	966626	11.19%	1.848%
44	16.736	2290	2295	2298	rVV	690159	966119	11.19%	1.847%
45	16.771	2298	2301	2304	rVV	299020	456085	5.28%	0.872%
46	16.807	2304	2307	2314	rVB2	374254	520950	6.03%	0.996%
47	16.883	2314	2320	2325	rBV5	69352	128283	1.49%	0.245%
48	16.948	2325	2331	2334	rBV	62427	107725	1.25%	0.206%
49	17.018	2336	2343	2347	rVV4	67031	166092	1.92%	0.317%
50	17.065	2347	2351	2355	rVB2	153319	225005	2.61%	0.430%
51	17.265	2379	2385	2391	rBV	455804	671393	7.77%	1.283%
52	17.383	2402	2405	2410	rVB	73975	96782	1.12%	0.185%
53	17.542	2426	2432	2437	rBV	288382	416133	4.82%	0.795%
54	17.618	2441	2445	2451	rVV	186467	272366	3.15%	0.521%
55	17.754	2463	2468	2473	rBV2	112531	203280	2.35%	0.389%
56	18.154	2531	2536	2545	rBV	780968	1203380	13.93%	2.300%
57	18.224	2545	2548	2552	rVB	138419	174975	2.03%	0.334%
58	18.442	2581	2585	2589	rBV	116105	140792	1.63%	0.269%
59	19.071	2688	2692	2695	rBV	99432	124157	1.44%	0.237%
60	19.201	2711	2714	2717	rBV	108468	113835	1.32%	0.218%
61	19.424	2745	2752	2761	rBV2	370155	707937	8.20%	1.353%
62	19.518	2765	2768	2773	rVB	243598	319513	3.70%	0.611%
63	19.695	2793	2798	2801	rBV	607896	783707	9.07%	1.498%
64	19.877	2824	2829	2838	rVB	2277004	2842690	32.91%	5.434%
65	20.177	2878	2880	2884	rVB2	80925	87561	1.01%	0.167%
66	20.359	2908	2911	2916	rVB3	141942	197728	2.29%	0.378%
67	20.995	3016	3019	3027	rVB	214798	274768	3.18%	0.525%
68	21.242	3058	3061	3064	rBV3	91099	116179	1.35%	0.222%
69	21.330	3073	3076	3081	rBV	245705	298651	3.46%	0.571%
70	21.430	3089	3093	3097	rVB	554479	680412	7.88%	1.301%
71	22.283	3234	3238	3249	rVB2	253584	407862	4.72%	0.780%
72	23.747	3482	3487	3500	rVB2	352354	746291	8.64%	1.426%

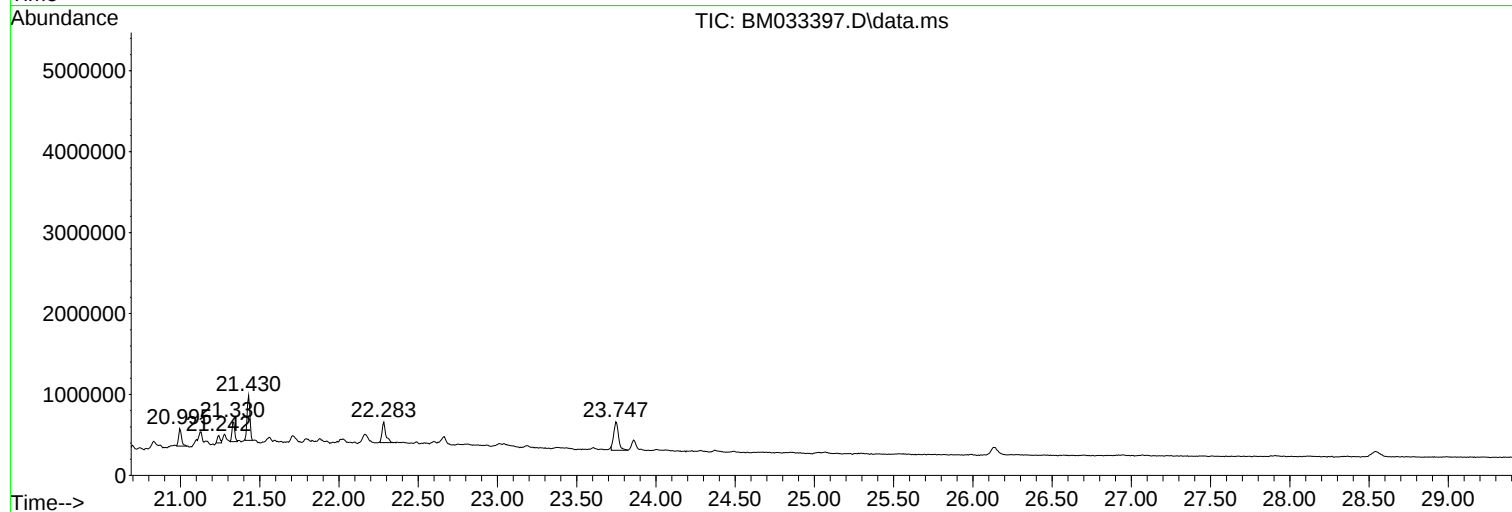
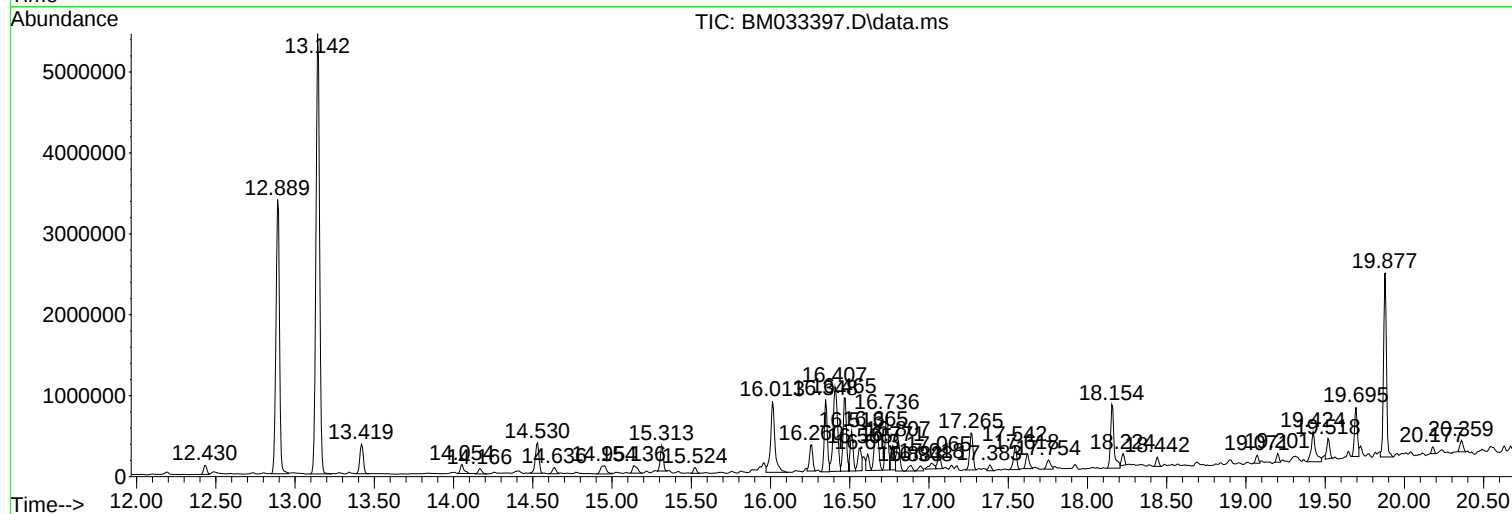
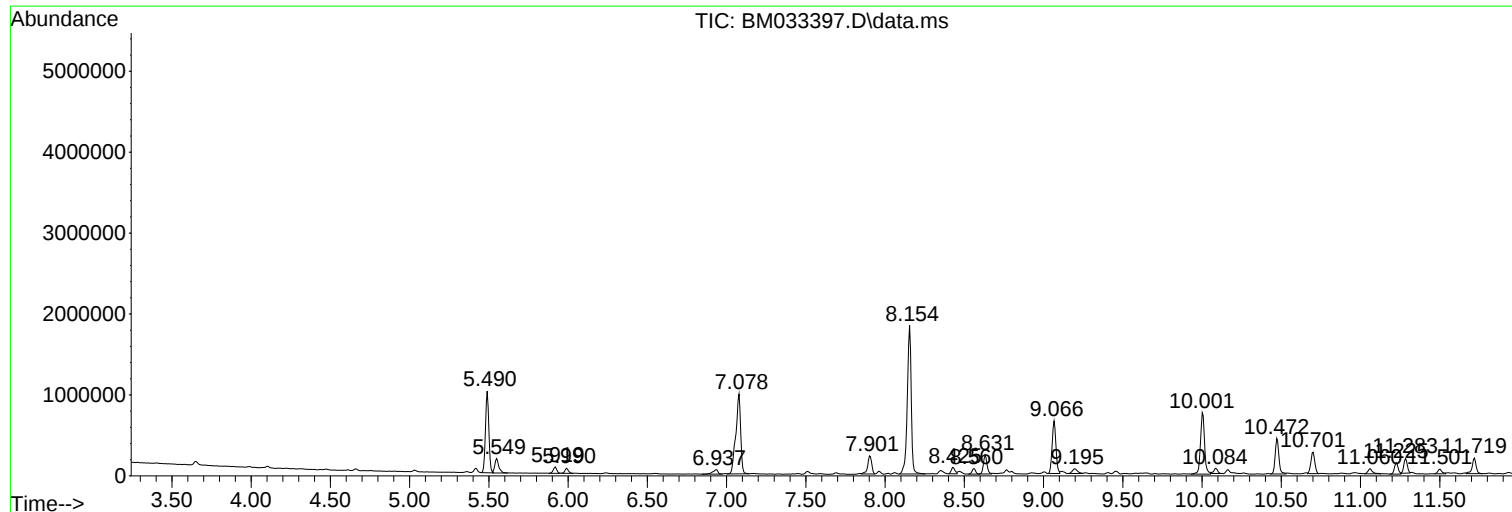
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM120821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Instrument :
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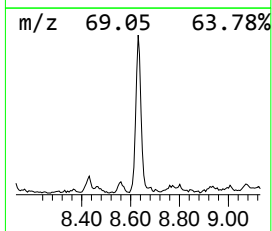
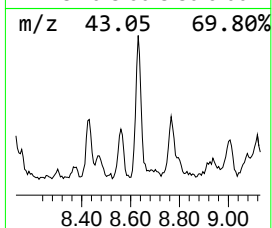
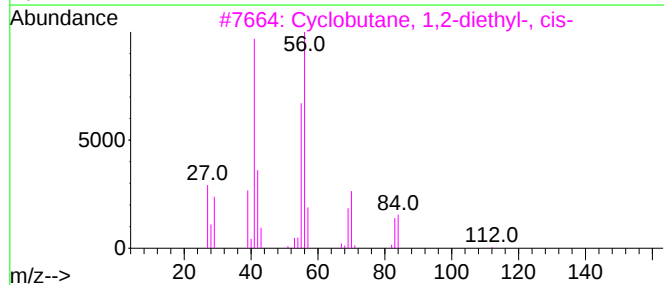
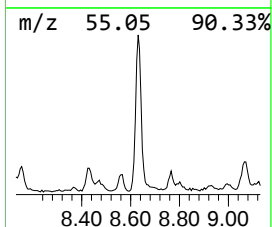
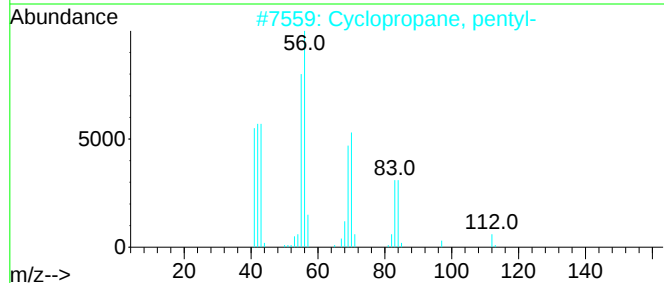
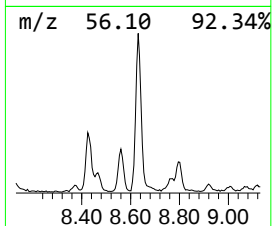
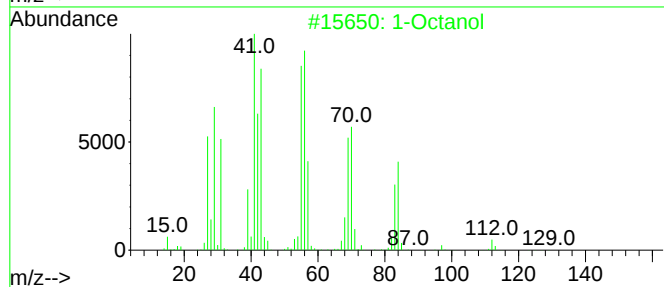
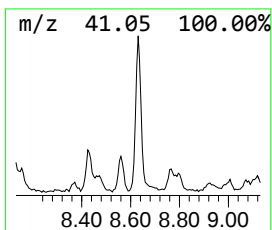
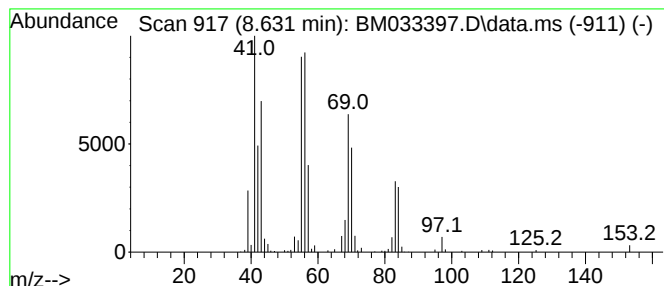
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM120821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 1-Octanol Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.631	18.77 ng	371461	1,4-Dichlorobenzene-d4	7.901

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Octanol	130	C8H18O	000111-87-5	90
2			Cyclopropane, pentyl-	112	C8H16	002511-91-3	83
3			Cyclobutane, 1,2-diethyl-, cis-	112	C8H16	061141-50-2	64
4			1-Octene	112	C8H16	000111-66-0	52
5			1-Hexene	84	C6H12	000592-41-6	47



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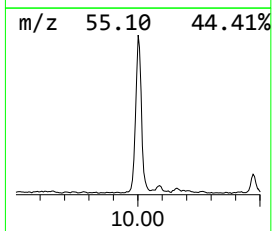
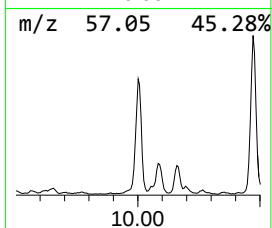
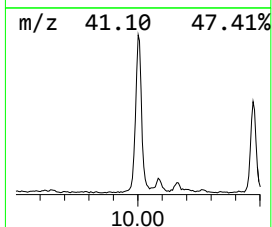
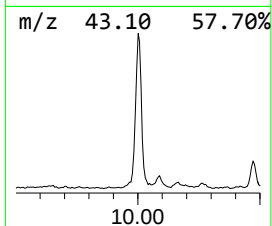
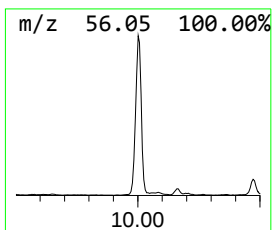
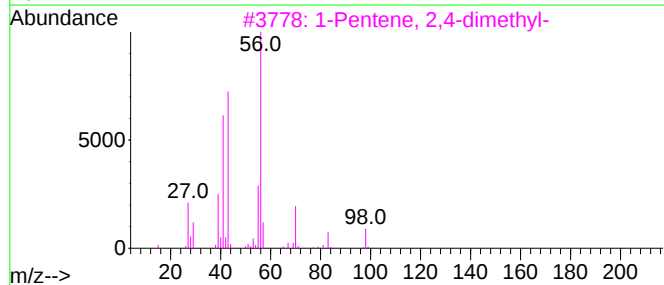
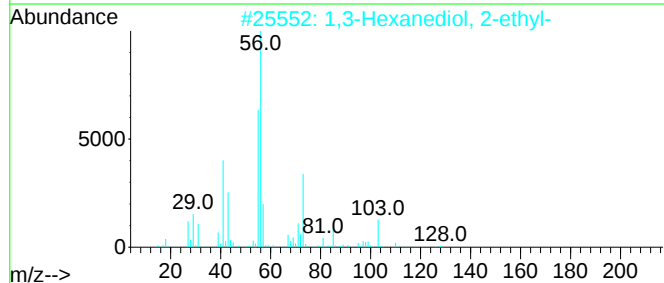
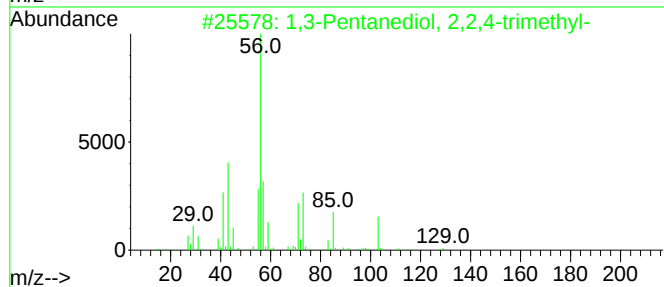
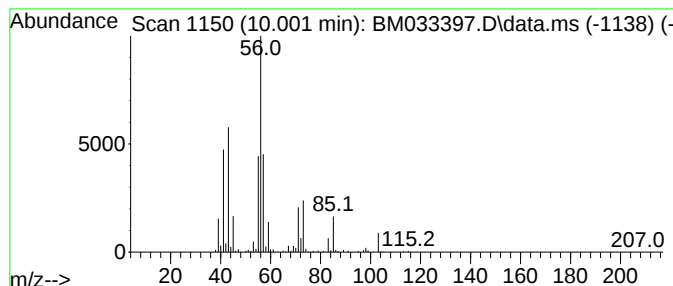
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM120821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 1,3-Pentenediol, 2,2,4-trim... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.001	58.94 ng	1334900	Naphthalene-d8	10.701

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1,3-Pentenediol, 2,2,4-trimethyl-	146	C8H18O2	000144-19-4	78
2		1,3-Hexanediol, 2-ethyl-	146	C8H18O2	000094-96-2	45
3		1-Pentene, 2,4-dimethyl-	98	C7H14	002213-32-3	43
4		5-Methyl-5-hexen-3-ol	114	C7H14O	067760-89-8	43
5		Pentanal, 3-methyl-	100	C6H12O	015877-57-3	40



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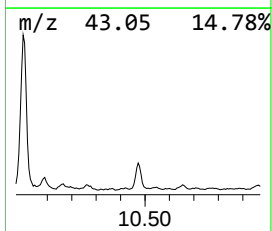
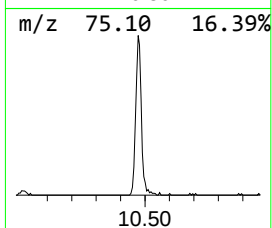
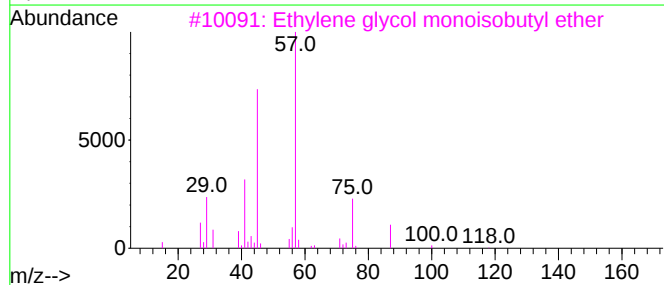
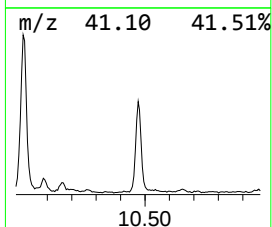
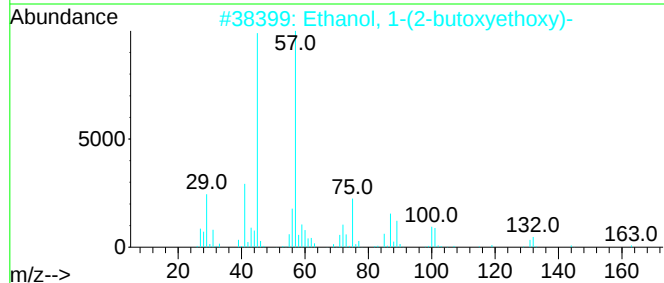
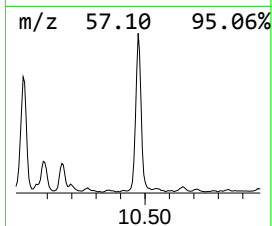
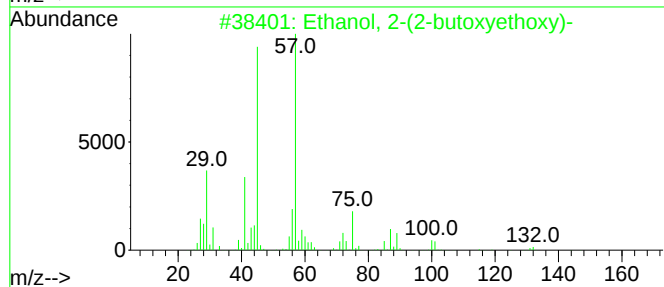
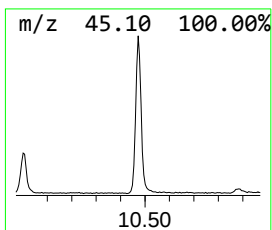
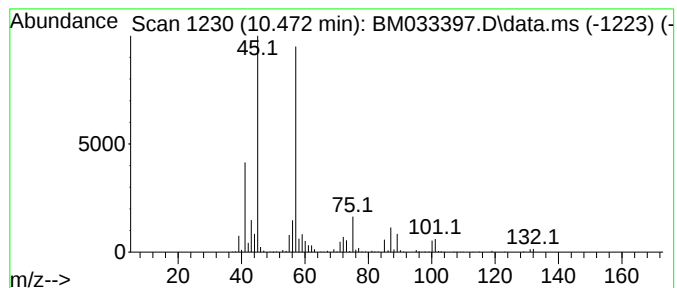
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.472	30.85 ng	698636	Naphthalene-d8	10.701

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
2			Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	83
3			Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	64
4			Di-sec-Butyl ether	130	C8H18O	006863-58-7	59
5			Ethanol, 2-[2-(2-methylpropoxy)e...	162	C8H18O3	018912-80-6	50



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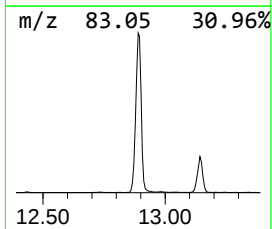
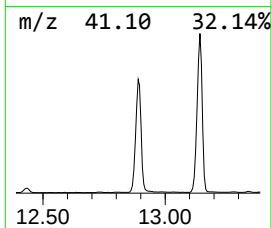
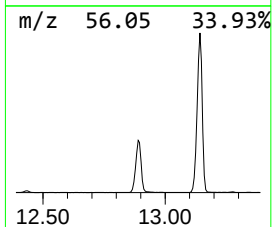
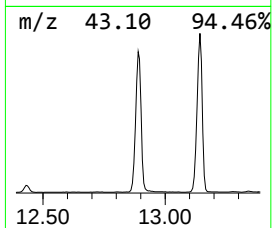
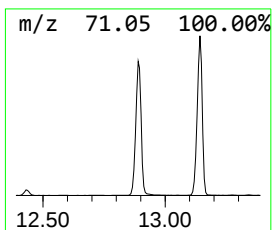
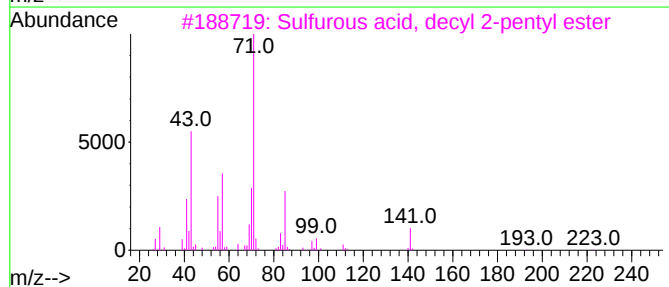
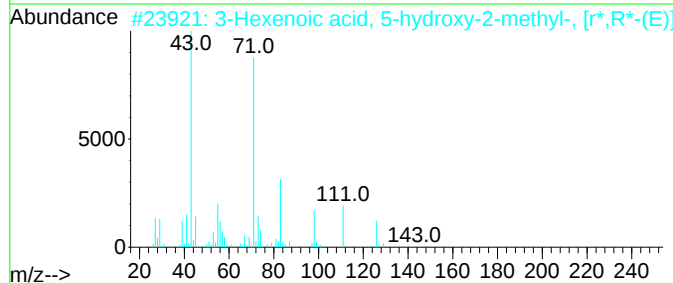
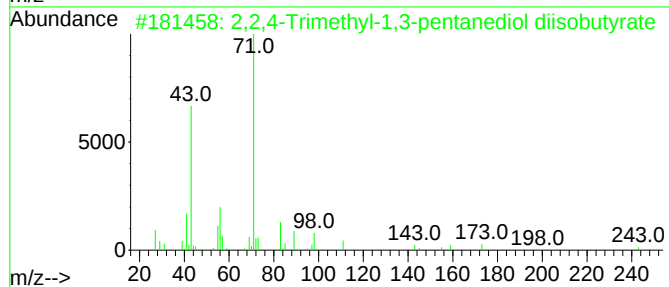
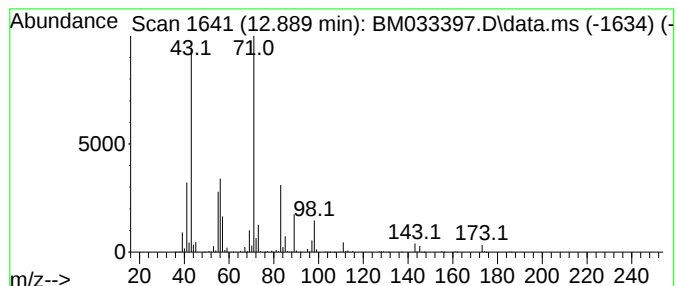
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 unknown12.889 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.889	179.38 ng	5285370	Acenaphthene-d10	14.530

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2,4-Trimethyl-1,3-pentanediol ...	286	C16H30O4	006846-50-0	78		
2	3-Hexenoic acid, 5-hydroxy-2-met...	144	C7H12O3	110678-36-9	45		
3	Sulfurous acid, decyl 2-pentyl e...	292	C15H32O3S	1000309-15-9	43		
4	Propanoic acid, 2-methyl-, 2-met...	144	C8H16O2	000097-85-8	40		
5	Butanoic acid, 2-methylpropyl ester	144	C8H16O2	000539-90-2	40		



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121021\
Data File : BM033397.D
Acq On : 10 Dec 2021 16:49
Operator : CG/JU
Sample : M4965-14
Misc :
ALS Vial : 8 Sample Multiplier: 1

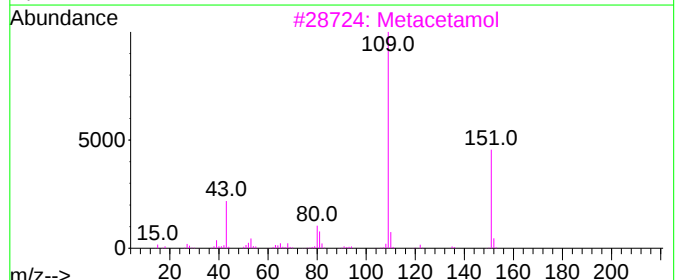
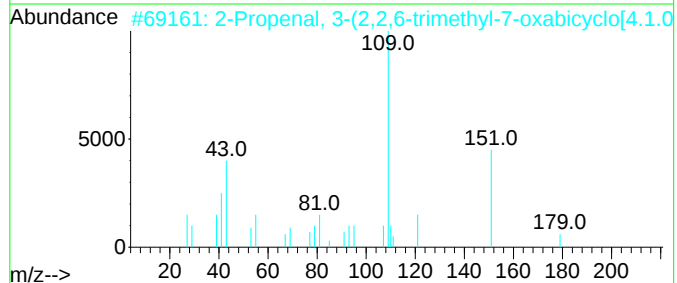
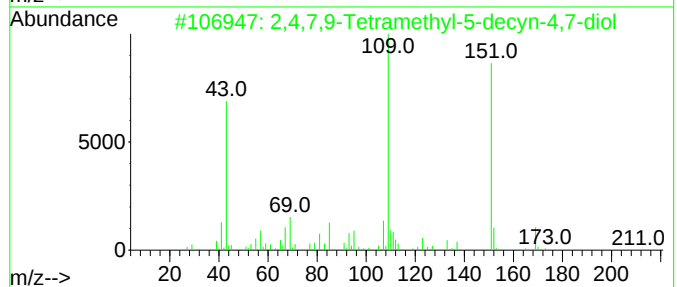
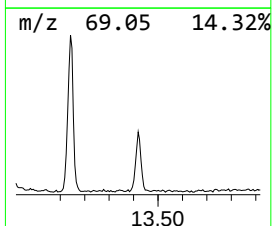
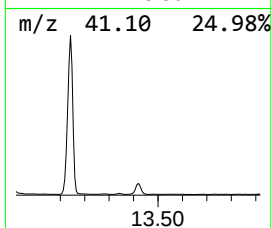
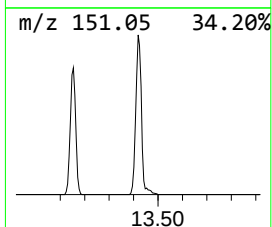
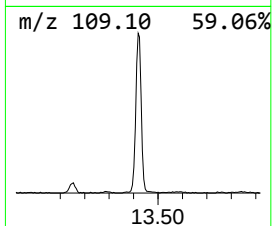
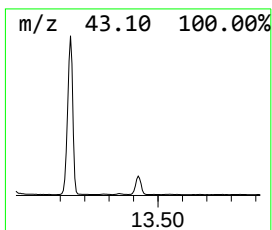
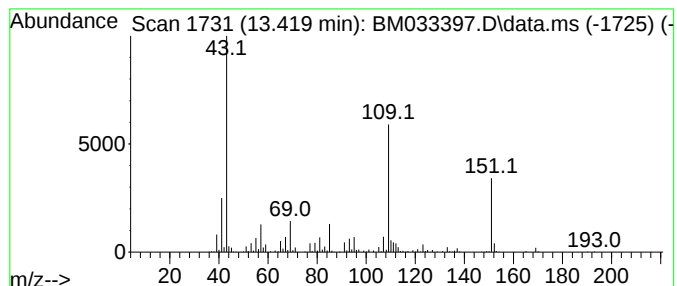
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD		R.T.	
13.419	19.28 ng	568000	Acenaphthene-d10		14.530	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	2,4,7,9-Tetramethyl-5-decyn-4,7-...		226	C14H26O2	000126-86-3	83
2	2-Propenal, 3-(2,2,6-trimethyl-7...		194	C12H18O2	055759-91-6	59
3	Metacetamol		151	C8H9NO2	000621-42-1	52
4	Pyridine, 2-butyl-, 1-oxide		151	C9H13NO	031396-32-4	50
5	m-Isopropoxyaniline		151	C9H13NO	041406-00-2	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121021\
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ClientSampleId :
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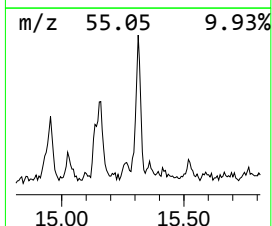
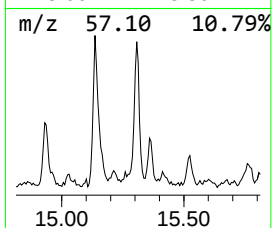
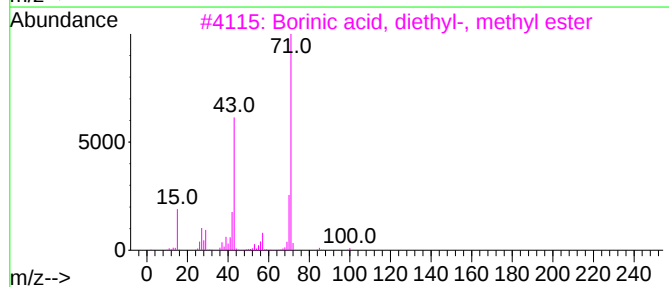
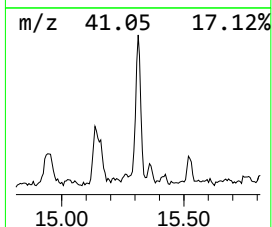
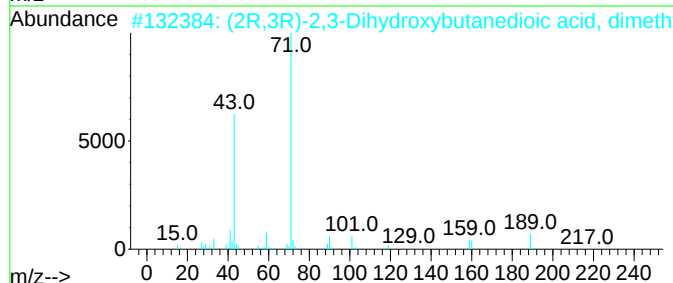
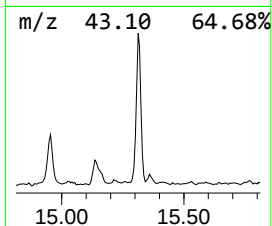
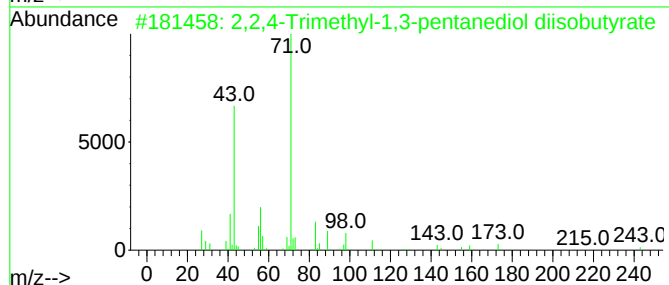
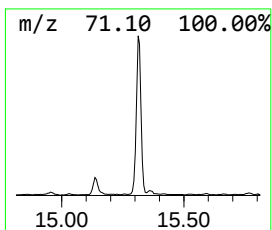
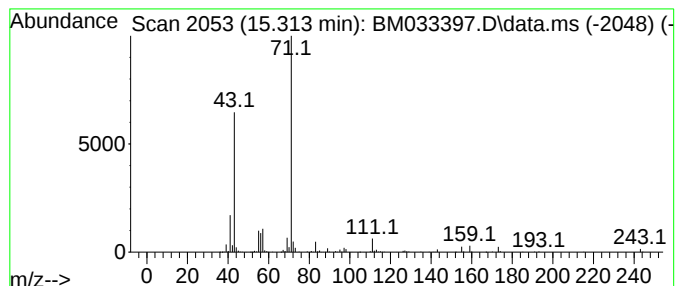
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 2,2,4-Trimethyl-1,3-pentane... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.313	14.25 ng	420017	Acenaphthene-d10	14.530

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2,2,4-Trimethyl-1,3-pentanediol ...	286	C16H30O4	006846-50-0	83
2			(2R,3R)-2,3-Dihydroxybutanedioic...	248	C10H16O7	1000462-99-8	59
3			Borinic acid, diethyl-, methyl e...	100	C5H13BO	007397-46-8	50
4			3-Methyl-hepta-1,6-dien-3-ol	126	C8H14O	034780-69-3	50
5			Butanoic acid, 2-butoxy-1-methyl...	216	C11H20O4	007492-70-8	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121021\
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ALS Vial : 8 Sample Multiplier: 1

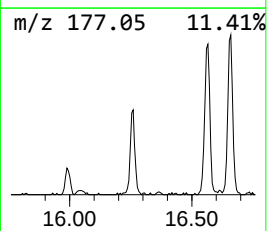
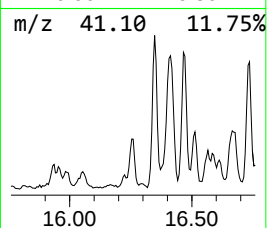
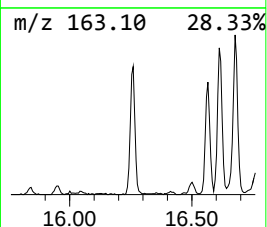
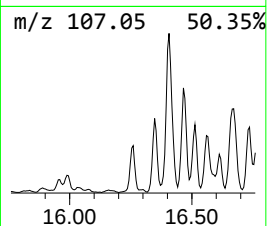
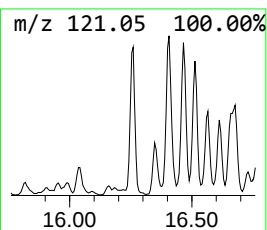
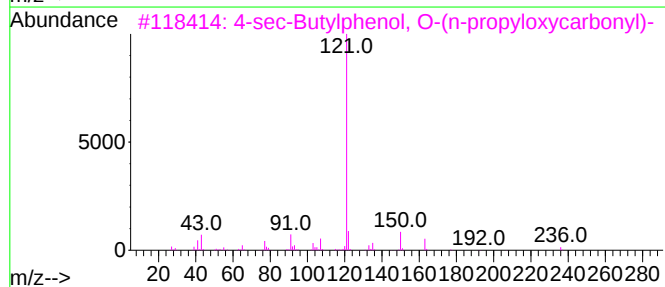
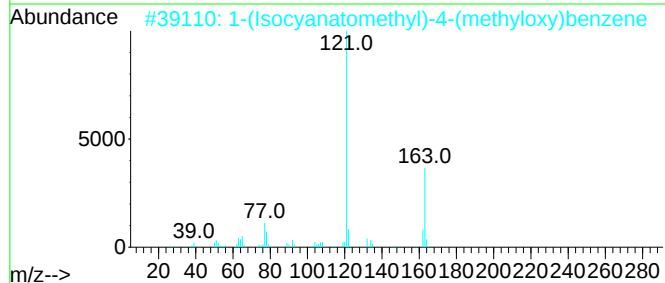
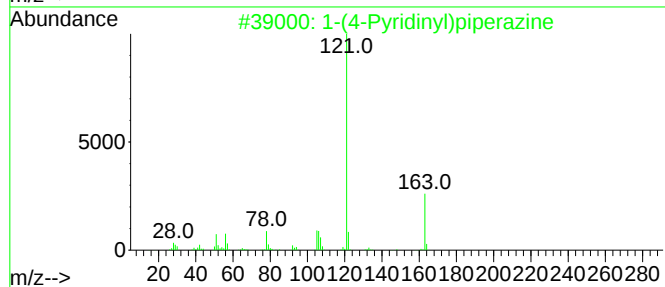
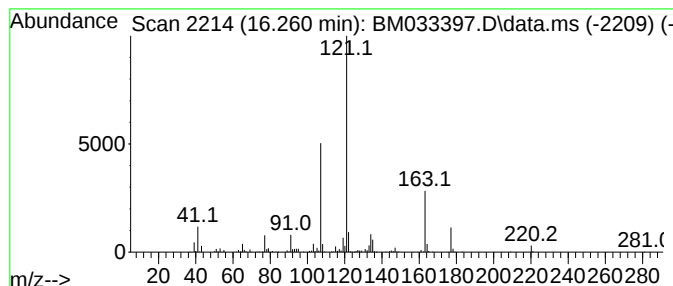
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 1-(4-Pyridinyl)piperazine Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD		R.T.	
16.260	13.34 ng	447973	Phenanthrene-d10		17.265	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	1-(4-Pyridinyl)piperazine		163	C9H13N3	001008-91-9	50
2	1-(Isocyanatomethyl)-4-(methylox...		163	C9H9NO2	056651-60-6	50
3	4-sec-Butylphenol, O-(n-propylox...		236	C14H20O3	1000487-26-7	43
4	1-Propyl-1,2,3,4-tetrahydropyrro...		164	C10H16N2	112758-86-8	43
5	N-Allyl-p-hydroxybenzamide		177	C10H11NO2	090921-72-5	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121021\
Data File : BM033397.D
Acq On : 10 Dec 2021 16:49
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Misc :
ALS Vial : 8 Sample Multiplier: 1

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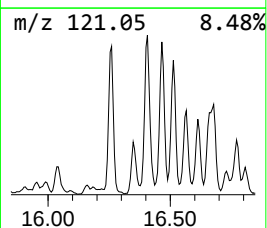
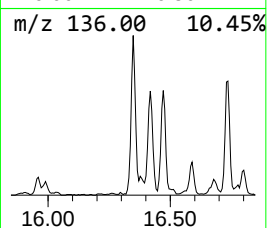
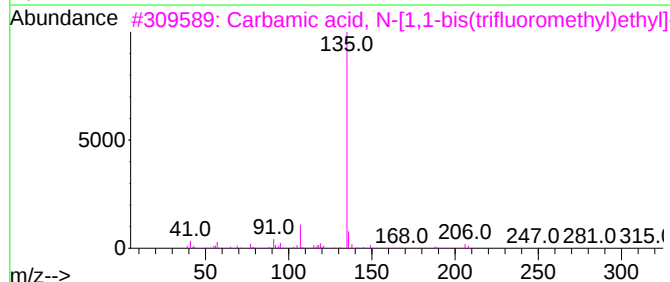
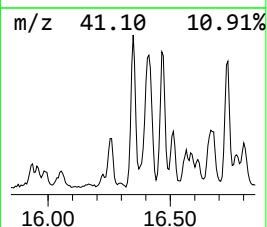
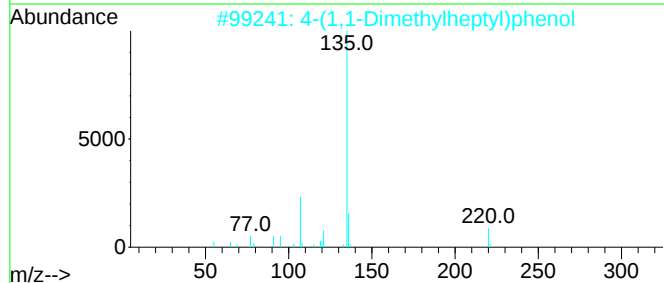
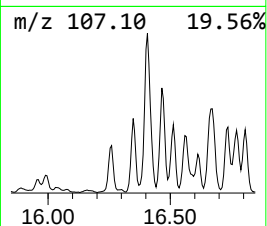
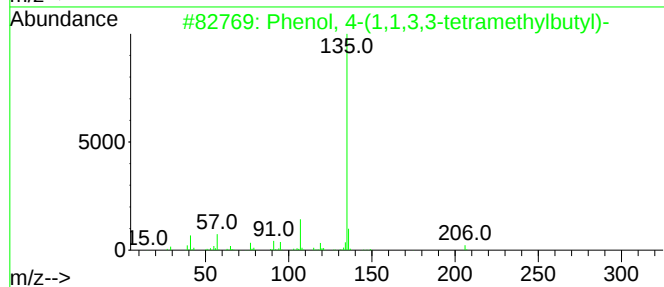
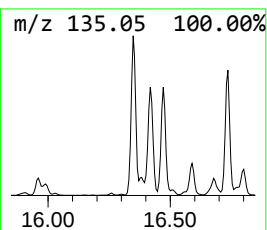
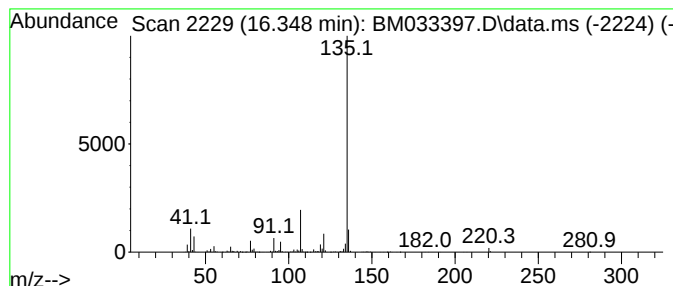
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Phenol, 4-(1,1,3,3-tetramet... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.348	35.41 ng	1188850	Phenanthrene-d10	17.265

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	86
2			4-(1,1-Dimethylheptyl)phenol	220	C15H24O	1000384-80-3	83
3			Carbamic acid, N-[1,1-bis(triflu...	413	C19H25F6NO2	296242-69-8	78
4			Phenol, 2-(1,1,3,3-tetramethylbu...	206	C14H22O	003884-95-5	78
5			2-tert-Butylphenol, O-(n-propylo...	236	C14H20O3	1000487-37-9	78



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121021\
Data File : BM033397.D
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Misc :
ALS Vial : 8 Sample Multiplier: 1

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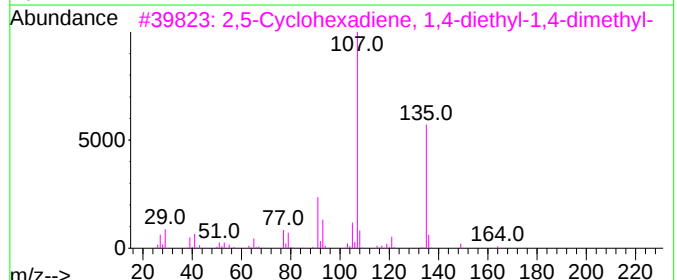
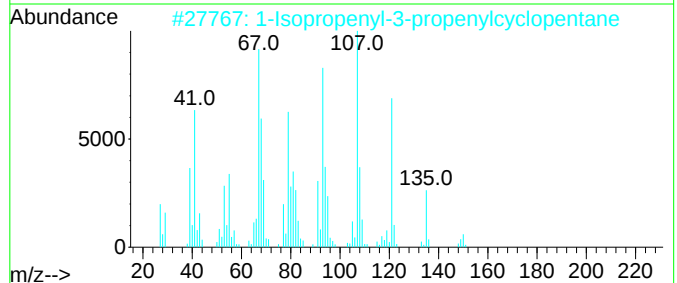
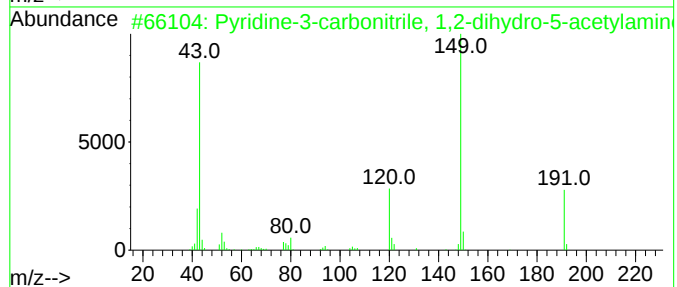
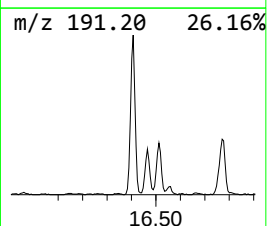
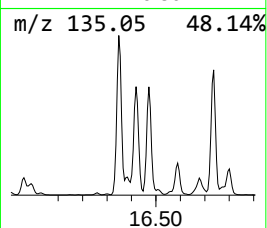
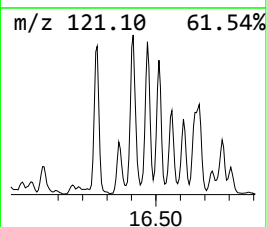
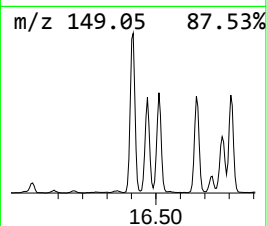
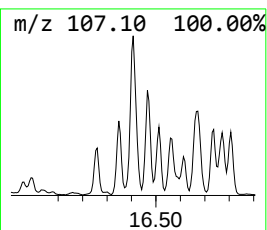
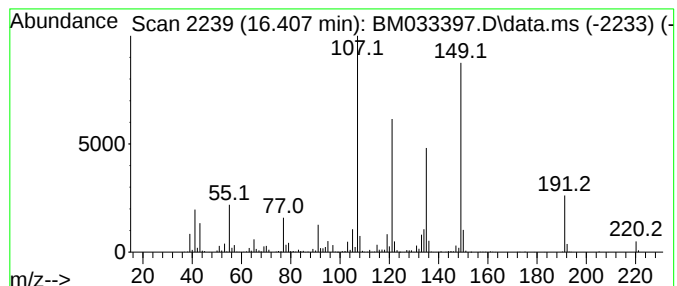
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 unknown16.407 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.407	60.43 ng	2028660	Phenanthrene-d10	17.265

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pyridine-3-carbonitrile, 1,2-dih...	191	C9H9N3O2	220098-92-0	38
2			1-Isopropenyl-3-propenylcyclop...	150	C11H18	1000192-81-2	38
3			2,5-Cyclohexadiene, 1,4-diethyl-...	164	C12H20	1000150-21-6	38
4			Benzestrol	298	C20H26O2	000085-95-0	25
5			3-Ethoxybenzhydrazide	180	C9H12N2O2	027830-16-6	22



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121021\
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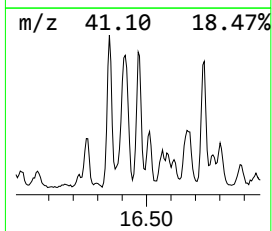
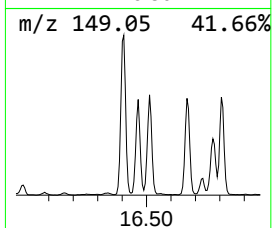
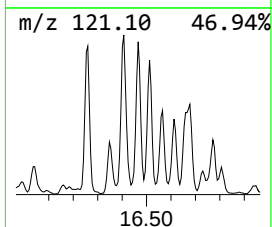
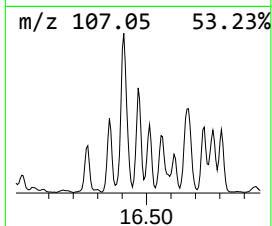
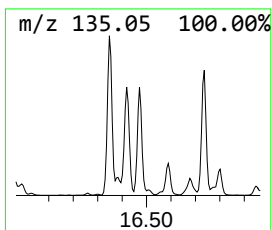
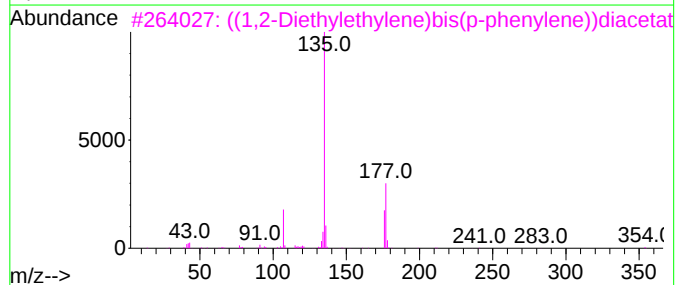
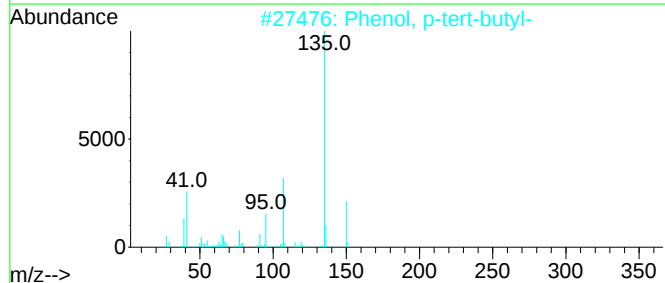
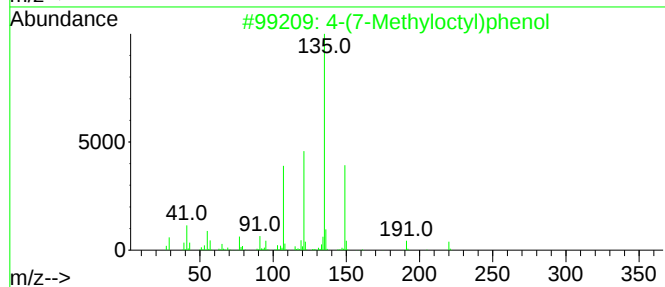
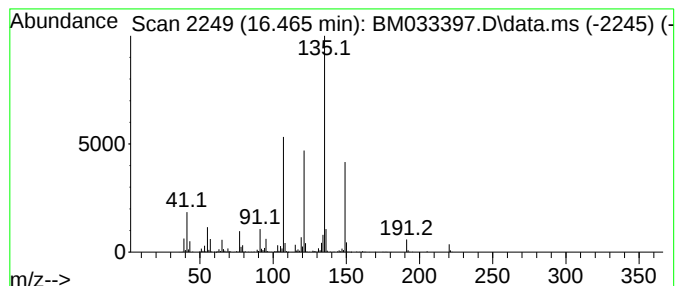
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 4-(7-Methyloctyl)phenol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD		R.T.	
16.465	40.17 ng	1348480	Phenanthrene-d10		17.265	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	4-(7-Methyloctyl)phenol		220	C15H24O	024518-48-7	98
2	Phenol, p-tert-butyl-		150	C10H14O	000098-54-4	64
3	((1,2-Diethylethylene)bis(p-phen...		354	C22H26O4	004547-76-6	53
4	Hexestrol, 0-methoxycarbonyl-		328	C20H24O4	1000487-66-3	53
5	Phenol, 2-(1,1-dimethylethyl)-		150	C10H14O	000088-18-6	52



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121021\
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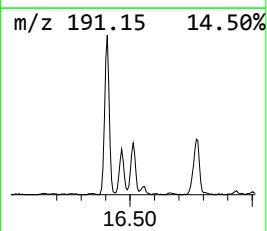
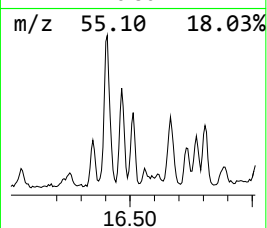
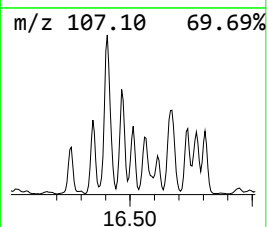
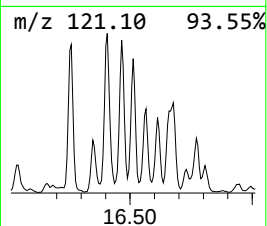
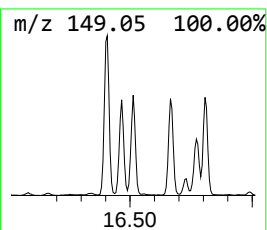
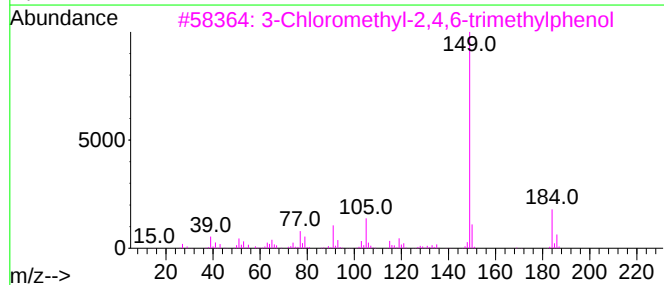
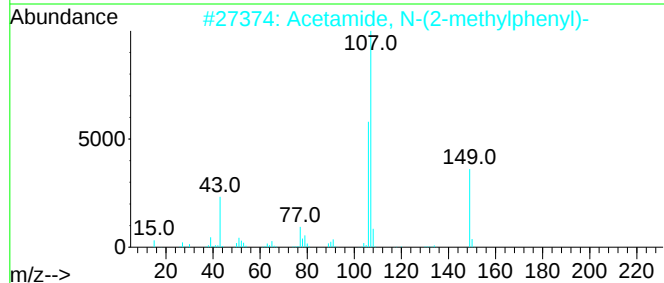
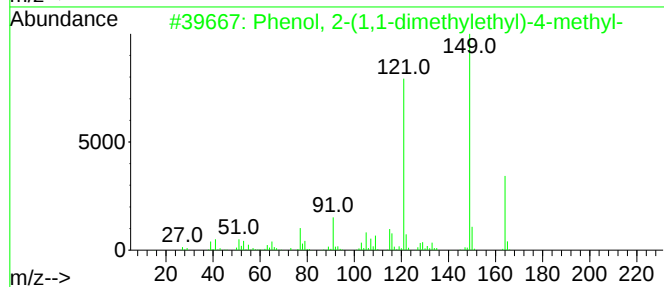
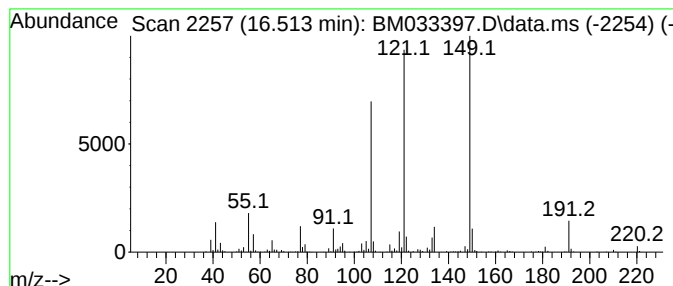
Instrument :
BNA_M
ClientSampleId :
BLUE-CONCRETE-COMP

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM120821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Phenol, 2-(1,1-dimethylethy... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD		R.T.	
16.512	18.21 ng	611218	Phenanthrene-d10		17.265	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Phenol, 2-(1,1-dimethylethyl)-4-...		164	C11H16O	002409-55-4	53
2	Acetamide, N-(2-methylphenyl)-		149	C9H11NO	000120-66-1	38
3	3-Chloromethyl-2,4,6-trimethylph...		184	C10H13ClO	099187-90-3	27
4	4-Hydroxyphenylpyruvic acid, met...		208	C11H12O4	1000332-83-9	27
5	Phthalic acid, 6-methylhept-2-yl...		320	C19H28O4	1010377-95-6	27



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121021\
Data File : BM033397.D
Acq On : 10 Dec 2021 16:49
Operator : CG/JU
Sample : M4965-14
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BLUE-CONCRETE-COMP

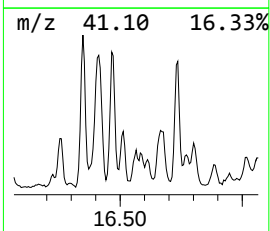
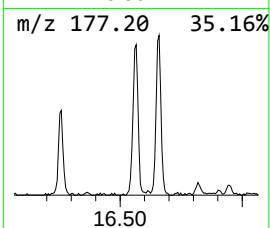
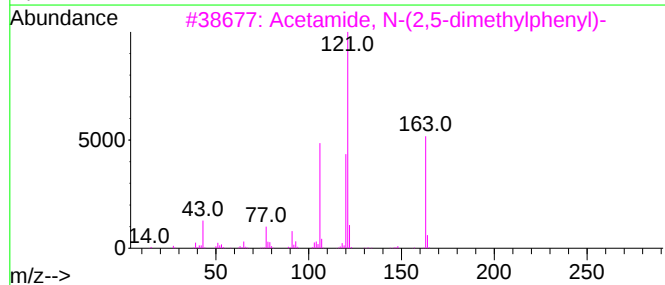
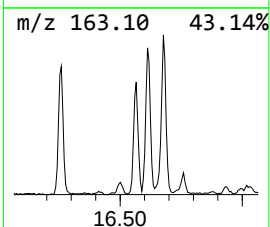
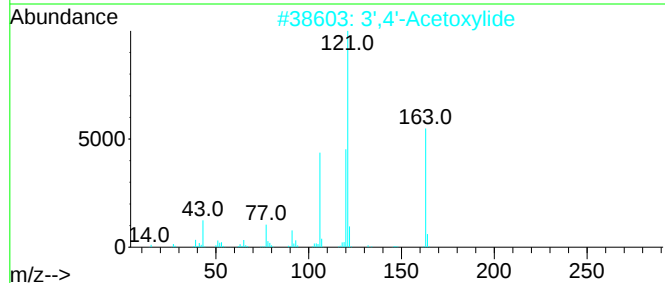
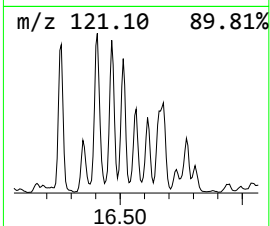
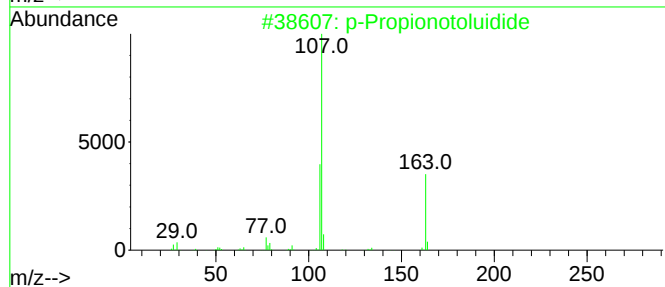
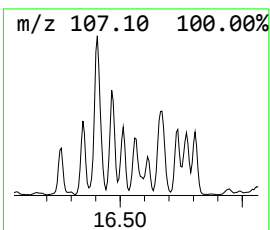
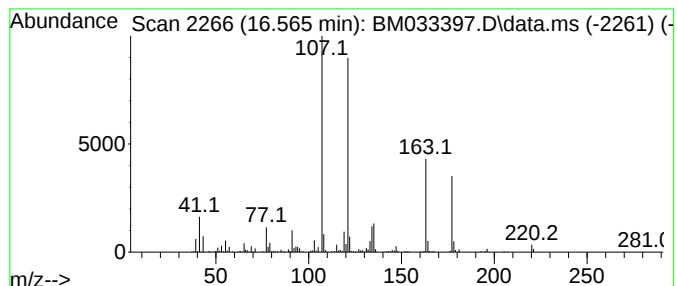
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 unknown16.566 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.566	13.27 ng	445466	Phenanthrene-d10	17.265

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		p-Propionotoluidide	163	C10H13NO	002759-55-9	38
2		3',4'-Acetoxylide	163	C10H13NO	002198-54-1	38
3		Acetamide, N-(2,5-dimethylphenyl)-	163	C10H13NO	002050-44-4	38
4		Acetamide, N-(2,6-dimethylphenyl)-	163	C10H13NO	002198-53-0	38
5		benzoic acid, 4-(acetyloxy)-, 4-...	281	C16H11NO4	1000401-91-0	35



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121021\
Data File : BM033397.D
Acq On : 10 Dec 2021 16:49
Operator : CG/JU
Sample : M4965-14
Misc :
ALS Vial : 8 Sample Multiplier: 1

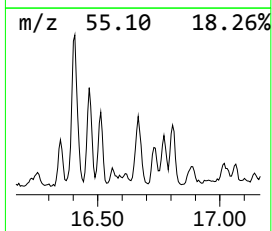
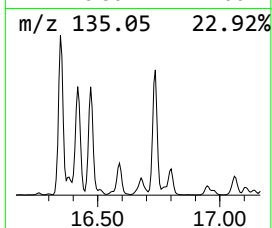
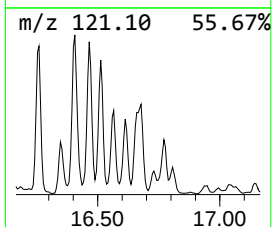
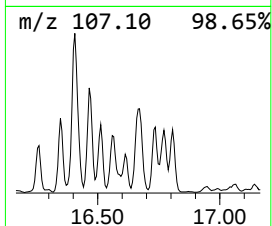
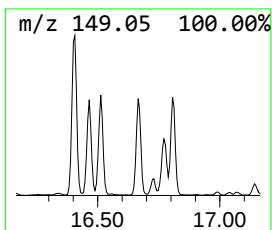
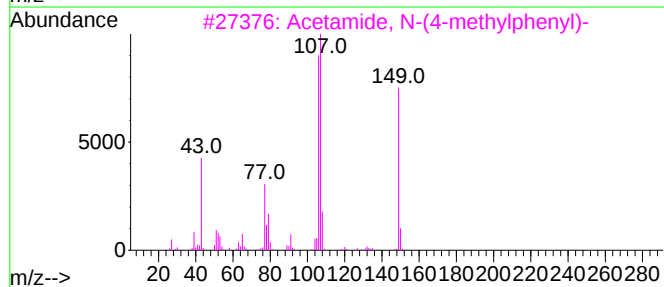
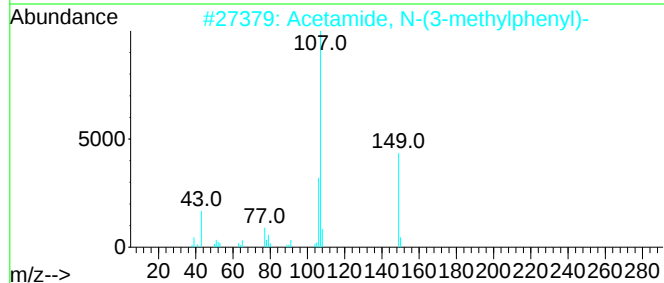
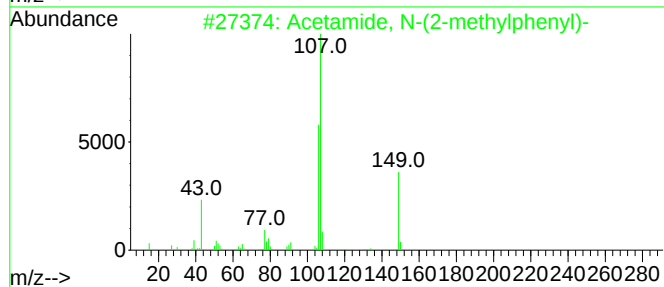
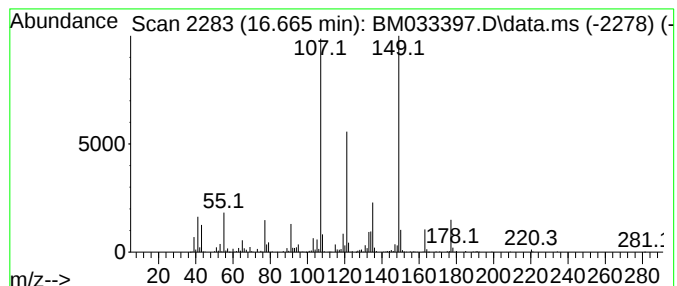
Instrument :
BNA_M
ClientSampleId :
BLUE-CONCRETE-COMP

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM120821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Acetamide, N-(2-methylphenyl)- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD			R.T.
16.666	28.79 ng	966626	Phenanthrene-d10			17.265
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Acetamide, N-(2-methylphenyl)-		149	C9H11NO	000120-66-1	53
2	Acetamide, N-(3-methylphenyl)-		149	C9H11NO	000537-92-8	53
3	Acetamide, N-(4-methylphenyl)-		149	C9H11NO	000103-89-9	35
4	1-Isopropenyl-3-propenylcyclopentyl-		150	C11H18	1000192-81-2	35
5	Methyl (1s,3s,5R,7S)-3-methyladamantyl-		208	C13H20O2	1010504-39-1	35



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121021\
Data File : BM033397.D
Acq On : 10 Dec 2021 16:49
Operator : CG/JU
Sample : M4965-14
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BLUE-CONCRETE-COMP

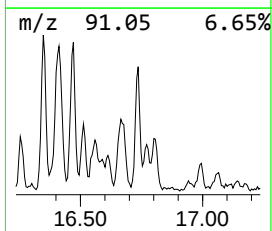
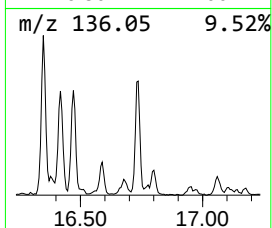
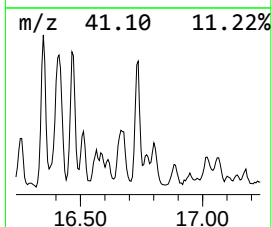
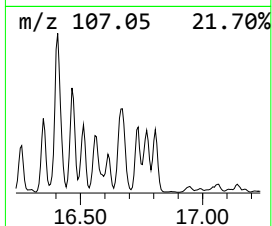
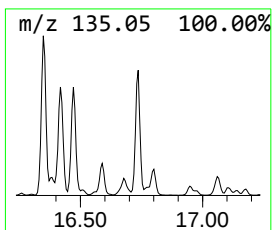
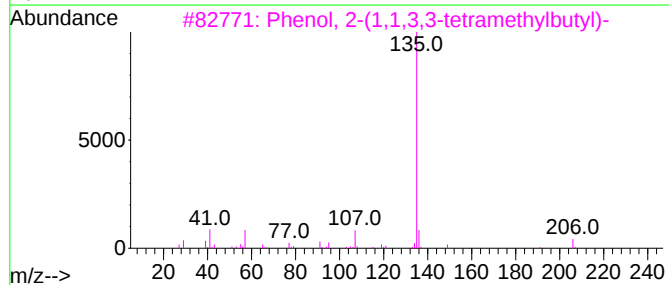
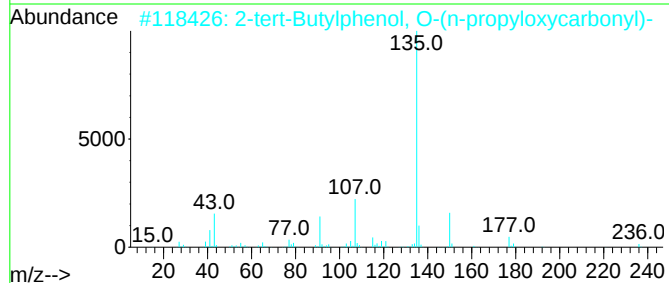
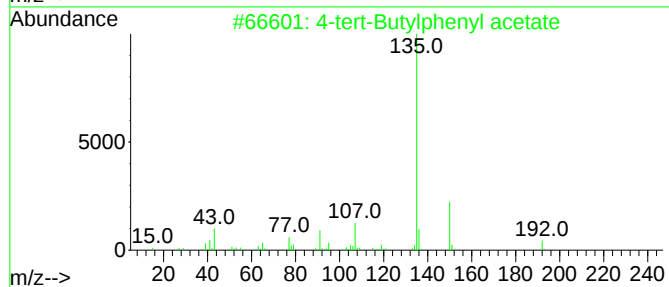
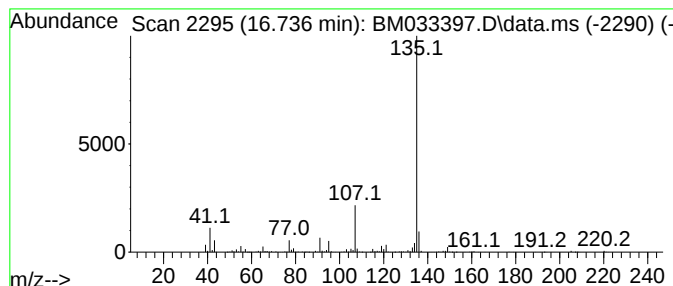
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 4-tert-Butylphenyl acetate Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.736	28.78 ng	966119	Phenanthrene-d10	17.265

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4-tert-Butylphenyl acetate	192	C12H16O2	003056-64-2	78
2			2-tert-Butylphenol, O-(n-propylo...	236	C14H20O3	1000487-37-9	72
3			Phenol, 2-(1,1,3,3-tetramethylbu...	206	C14H22O	003884-95-5	72
4			Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	72
5			Hexestrol, O-isopropylloxycarbonyl-	356	C22H28O4	1000487-68-4	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121021\
Data File : BM033397.D
Acq On : 10 Dec 2021 16:49
Operator : CG/JU
Sample : M4965-14
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BLUE-CONCRETE-COMP

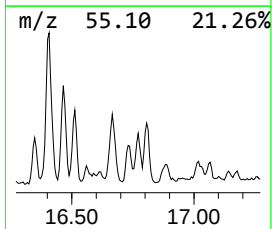
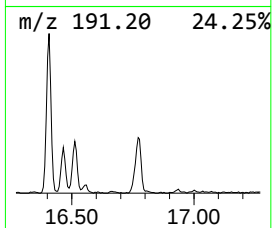
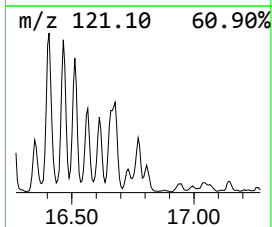
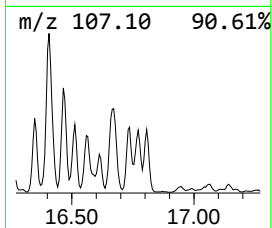
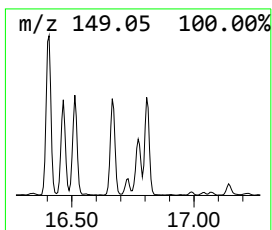
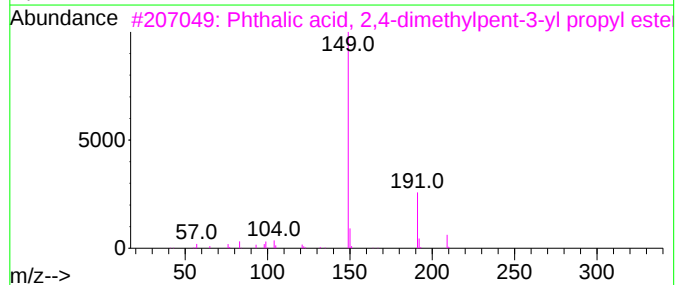
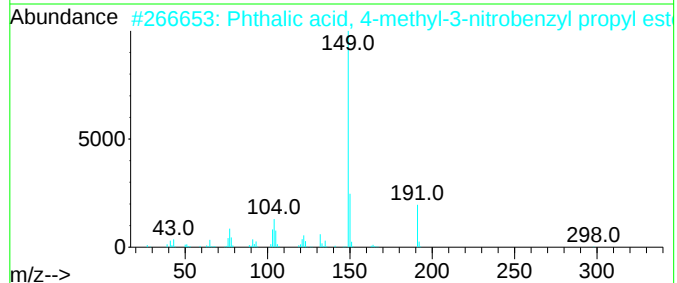
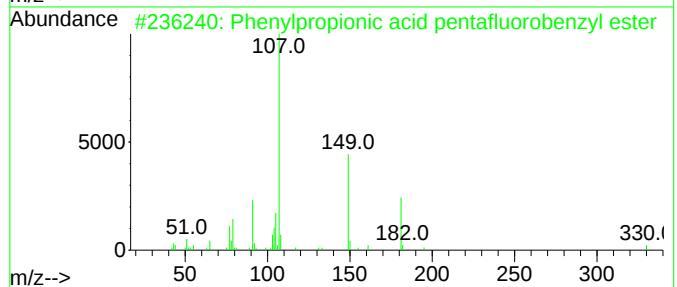
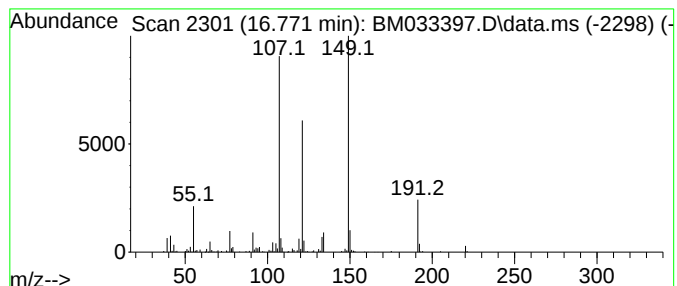
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 unknown16.771 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.771	13.59 ng	456085	Phenanthrene-d10	17.265

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenylpropionic acid pentafluoro...	330	C16H11F5O2	062434-95-1	43
2			Phthalic acid, 4-methyl-3-nitrob...	357	C19H19NO6	1010382-58-0	38
3			Phthalic acid, 2,4-dimethylpent...	306	C18H26O4	1010356-84-2	38
4			Phthalic acid, propyl 2,2,2-trif...	366	C19H17F3O4	1000377-70-0	37
5			Benzene, 2-methoxy-4-methyl-1-(1...	164	C11H16O	001076-56-8	35



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121021\
Data File : BM033397.D
Acq On : 10 Dec 2021 16:49
Operator : CG/JU
Sample : M4965-14
Misc :
ALS Vial : 8 Sample Multiplier: 1

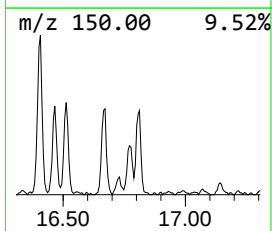
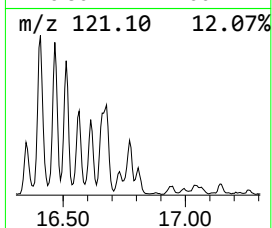
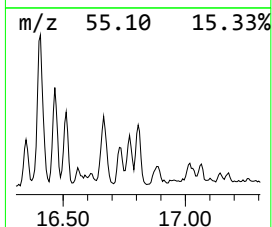
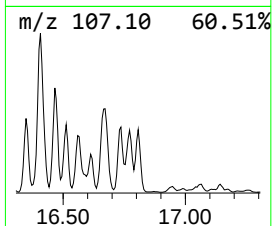
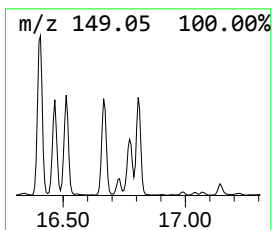
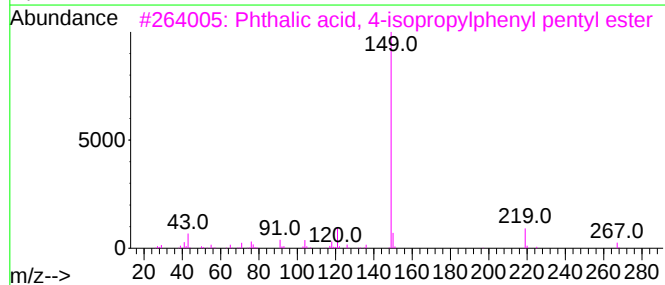
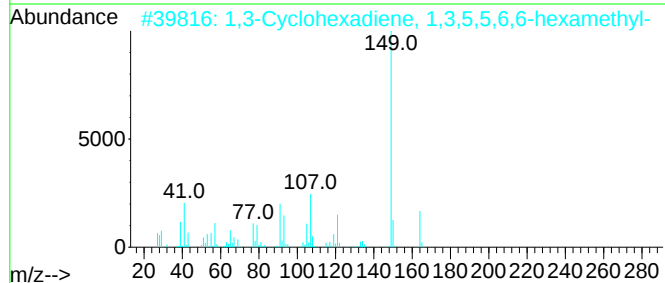
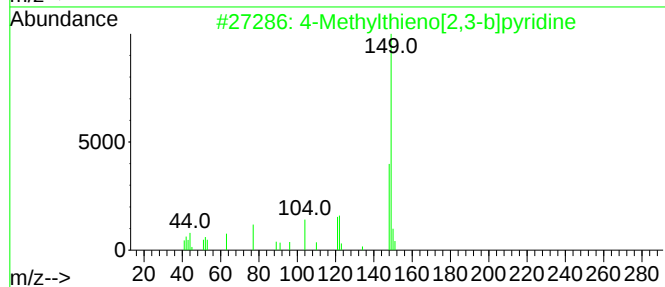
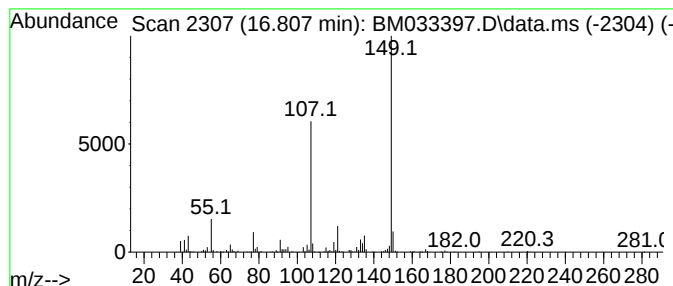
Instrument :
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ClientSampleId :
BLUE-CONCRETE-COMP

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM120821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 4-Methylthieno[2,3-b]pyridine Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.807	15.52 ng	520950	Phenanthrene-d10	17.265
Hit#	of 5	Tentative ID	MW MolForm	CAS# Qual
1		4-Methylthieno[2,3-b]pyridine	149 C8H7NS	013362-81-7 50
2		1,3-Cyclohexadiene, 1,3,5,5,6,6-...	164 C12H20	1000150-39-4 45
3		Phthalic acid, 4-isopropylphenyl...	354 C22H26O4	1000315-22-2 43
4		Phthalic acid, butyl 4-isopropyl...	340 C21H24O4	1000315-22-1 43
5		2-(4-Methoxy-phenyl)-2-methyl-pr...	208 C12H16O3	006274-50-6 40



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121021\
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Acq On : 10 Dec 2021 16:49
Operator : CG/JU
Sample : M4965-14
Misc :
ALS Vial : 8 Sample Multiplier: 1

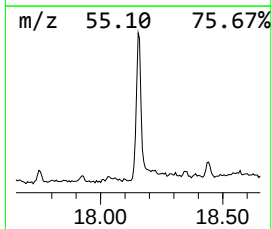
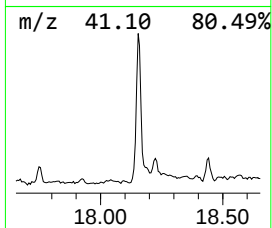
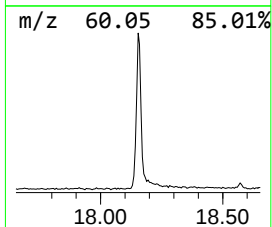
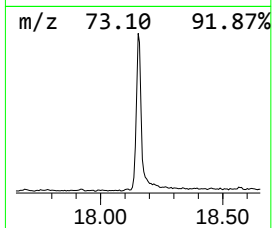
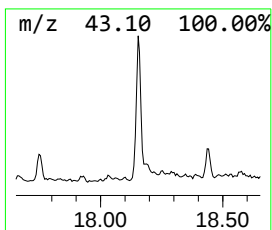
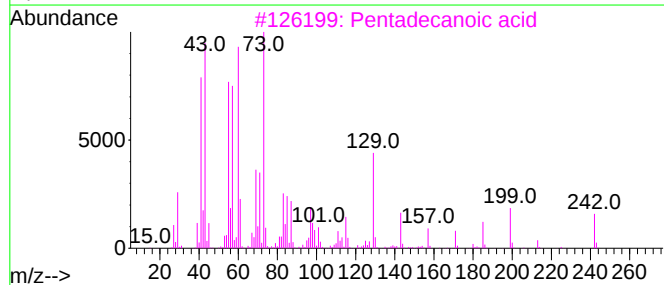
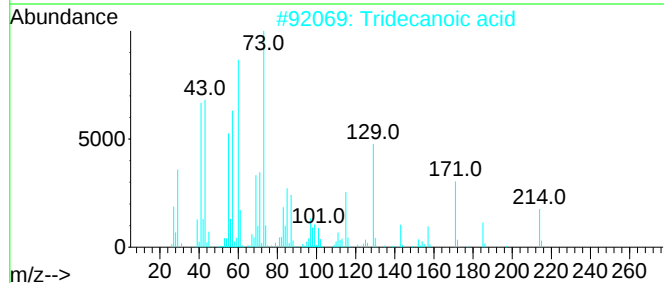
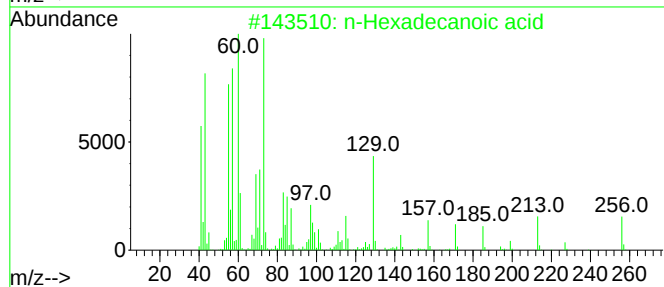
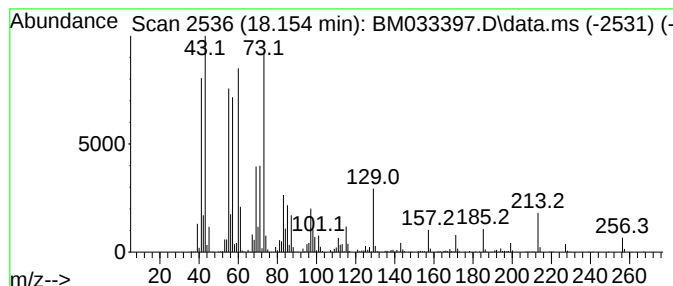
Instrument :
BNA_M
ClientSampleId :
BLUE-CONCRETE-COMP

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM120821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD		R.T.	
18.154	35.85 ng	1203380	Phenanthrene-d10		17.265	
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	93
3	Pentadecanoic acid		242	C15H30O2	001002-84-2	90
4	Tetradecanoic acid		228	C14H28O2	000544-63-8	90
5	Octanoic acid		144	C8H16O2	000124-07-2	45



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121021\
Data File : BM033397.D
Acq On : 10 Dec 2021 16:49
Operator : CG/JU
Sample : M4965-14
Misc :
ALS Vial : 8 Sample Multiplier: 1

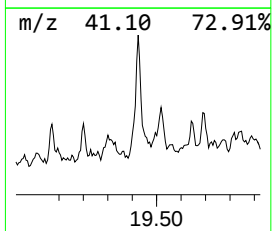
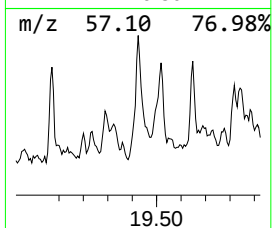
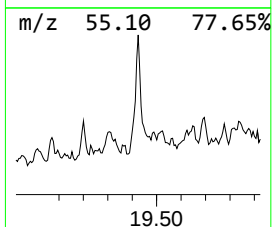
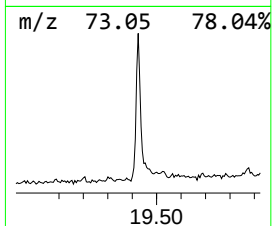
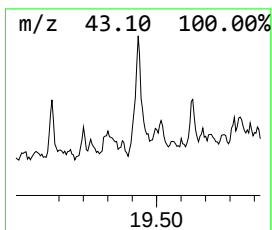
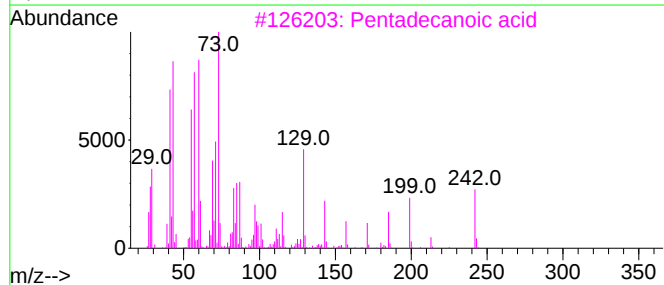
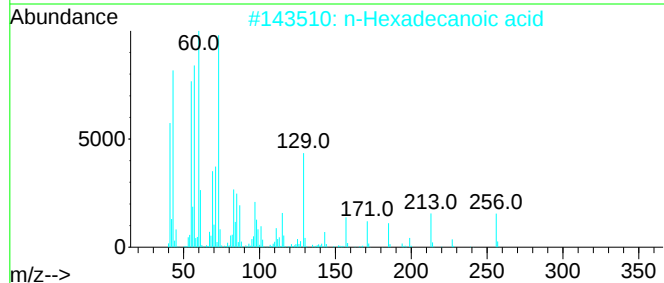
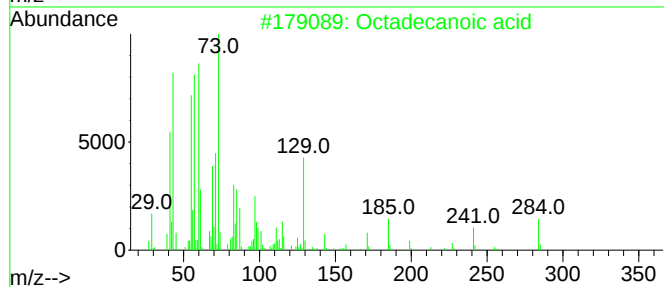
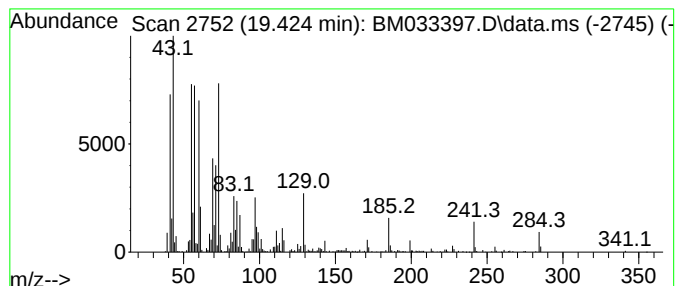
Instrument :
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ClientSampleId :
BLUE-CONCRETE-COMP

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM120821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Octadecanoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.424	20.81 ng	707937	Chrysene-d12	21.430	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	89
4	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	72
5	Tridecanoic acid	214	C13H26O2	000638-53-9	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121021\
Data File : BM033397.D
Acq On : 10 Dec 2021 16:49
Operator : CG/JU
Sample : M4965-14
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BLUE-CONCRETE-COMP

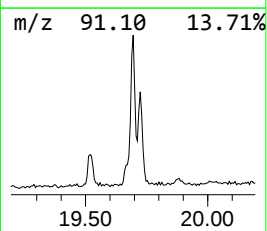
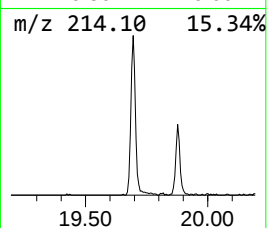
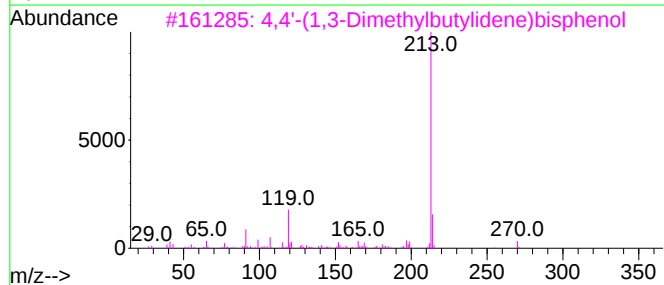
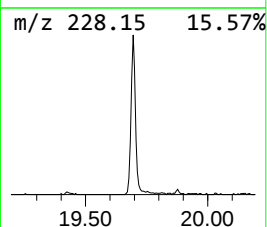
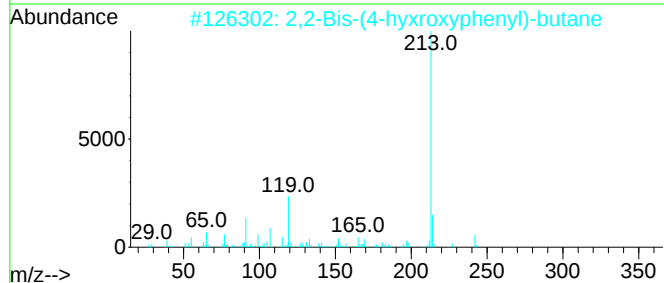
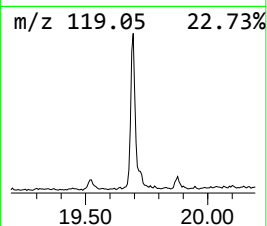
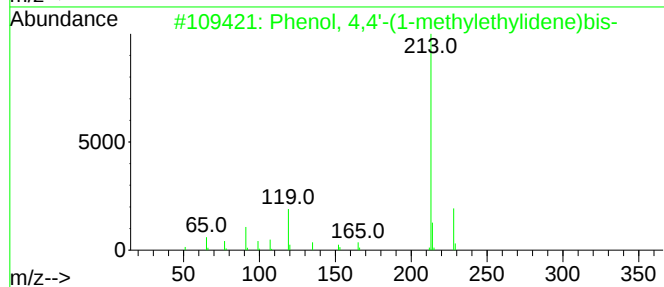
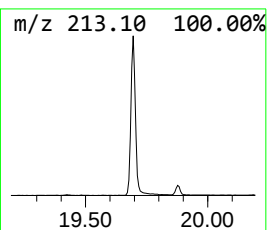
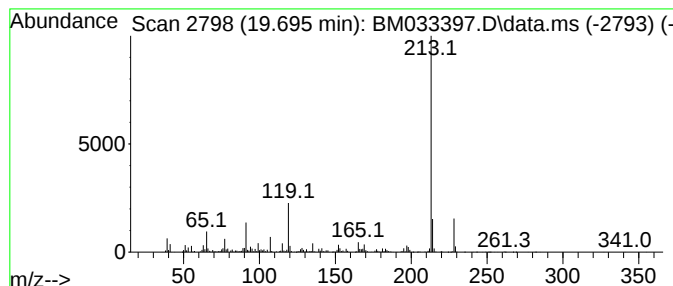
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Phenol, 4,4'-(1-methylethyl... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.695	23.04 ng	783707	Chrysene-d12	21.430

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenol, 4,4'-(1-methylethylidene...	228	C15H16O2	000080-05-7	98
2			2,2-Bis-(4-hydroxyphenyl)-butane	242	C16H18O2	000077-40-7	83
3			4,4'-(1,3-Dimethylbutylidene)bis...	270	C18H22O2	006807-17-6	74
4			3,4'-Isopropylidenediphenol	228	C15H16O2	046765-25-7	60
5			Carbanilic acid, p-phenyl-	213	C13H11NO2	004474-53-7	52



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121021\
 Data File : BM033397.D
 Acq On : 10 Dec 2021 16:49
 Operator : CG/JU
 Sample : M4965-14
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BLUE-CONCRETE-COMP

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM120821.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
1-Octanol	8.631	18.8	ng	371461	1	7.901	395881	20.0
1,3-Pentenediol...	10.001	58.9	ng	1334900	2	10.701	452973	20.0
Ethanol, 2-(2-b...	10.472	30.9	ng	698636	2	10.701	452973	20.0
unknown12.889	12.889	179.4	ng	5285370	3	14.530	589310	20.0
2,4,7,9-Tetrame...	13.419	19.3	ng	568000	3	14.530	589310	20.0
2,2,4-Trimethyl...	15.313	14.3	ng	420017	3	14.530	589310	20.0
1-(4-Pyridinyl)...	16.260	13.3	ng	447973	4	17.265	671393	20.0
Phenol, 4-(1,1,...	16.348	35.4	ng	1188850	4	17.265	671393	20.0
unknown16.407	16.407	60.4	ng	2028660	4	17.265	671393	20.0
4-(7-Methylocty...	16.465	40.2	ng	1348480	4	17.265	671393	20.0
Phenol, 2-(1,1-...	16.512	18.2	ng	611218	4	17.265	671393	20.0
unknown16.566	16.566	13.3	ng	445466	4	17.265	671393	20.0
Acetamide, N-(2...	16.666	28.8	ng	966626	4	17.265	671393	20.0
4-tert-Butylphe...	16.736	28.8	ng	966119	4	17.265	671393	20.0
unknown16.771	16.771	13.6	ng	456085	4	17.265	671393	20.0
4-Methylthieno[...	16.807	15.5	ng	520950	4	17.265	671393	20.0
n-Hexadecanoic ...	18.154	35.9	ng	1203380	4	17.265	671393	20.0
Octadecanoic acid	19.424	20.8	ng	707937	5	21.430	680412	20.0
Phenol, 4,4'-(1...	19.695	23.0	ng	783707	5	21.430	680412	20.0