

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF021218\
 Data File : BF102913.D
 Acq On : 12 Feb 2018 11:56
 Operator : SJ/JU
 Sample : J1512-10
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RO-4632

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:\HPCHEM1\BNA_F\METHODS\8270-BF020318.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	2.175	9	15	22	rVB	457122	606670	13.97%	1.500%
2	5.122	512	516	527	rVB	129836	173664	4.00%	0.429%
3	5.504	576	581	585	rBV	4041982	4343624	100.00%	10.740%
4	6.516	747	753	765	rBV	3686572	4265133	98.19%	10.546%
5	6.657	772	777	780	rBV	4166801	4187729	96.41%	10.355%
6	6.886	812	816	819	rBV	1322209	1189323	27.38%	2.941%
7	7.039	838	842	846	rBV	3399610	3225260	74.25%	7.975%
8	7.445	906	911	914	rBV	2816755	2831972	65.20%	7.003%
9	7.622	939	941	945	rVB	63867	53005	1.22%	0.131%
10	8.169	1029	1034	1037	rBV	1729515	1573764	36.23%	3.891%
11	9.239	1211	1216	1220	rBV	3995078	4097580	94.34%	10.132%
12	9.316	1226	1229	1231	rVB	79421	62929	1.45%	0.156%
13	9.633	1279	1283	1286	rBV	310767	287973	6.63%	0.712%
14	9.845	1311	1319	1322	rBV	240928	193898	4.46%	0.479%
15	9.922	1328	1332	1336	rBV	1788865	1622462	37.35%	4.012%
16	10.074	1354	1358	1361	rBV2	35280	48337	1.11%	0.120%
17	10.169	1371	1374	1377	rBV3	49117	54556	1.26%	0.135%
18	10.345	1401	1404	1407	rVB	283644	206448	4.75%	0.510%
19	10.563	1436	1441	1444	rBV	75282	98226	2.26%	0.243%
20	10.716	1463	1467	1477	rVV	2279607	2324565	53.52%	5.748%
21	10.816	1481	1484	1493	rVB	223394	254624	5.86%	0.630%
22	11.269	1557	1561	1563	rBV	106539	96541	2.22%	0.239%
23	11.292	1563	1565	1573	rVB3	53728	73850	1.70%	0.183%
24	11.410	1581	1585	1588	rBV	1520014	1468770	33.81%	3.632%
25	11.433	1588	1589	1595	rVV	225319	178150	4.10%	0.441%
26	11.486	1595	1598	1601	rVB	47398	45593	1.05%	0.113%
27	11.692	1630	1633	1639	rVB2	49917	44410	1.02%	0.110%
28	11.939	1667	1675	1678	rBV2	40550	91363	2.10%	0.226%
29	12.021	1686	1689	1696	rVB3	44331	66437	1.53%	0.164%
30	12.621	1788	1791	1795	rVB	284732	258640	5.95%	0.640%
31	12.851	1825	1830	1833	rBV	247528	277317	6.38%	0.686%
32	12.998	1850	1855	1858	rBV	3216338	2959895	68.14%	7.319%
33	13.880	2002	2005	2011	rVB2	236230	244471	5.63%	0.604%
34	14.051	2030	2034	2037	rBV	1154004	1163009	26.78%	2.876%

LSC Area Percent Report

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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	14.074	2037	2038	2044	rVB	144688	120845	2.78%	0.299%
36	14.509	2109	2112	2118	rBV5	32389	61298	1.41%	0.152%
37	15.098	2208	2212	2215	rBV	123589	176173	4.06%	0.436%
38	15.409	2261	2265	2270	rVB	70455	90821	2.09%	0.225%
39	15.474	2272	2276	2281	rVV	84082	116052	2.67%	0.287%
40	15.539	2282	2287	2300	rVB	819434	1129564	26.01%	2.793%
41	17.033	2538	2541	2549	rVB3	40054	77007	1.77%	0.190%

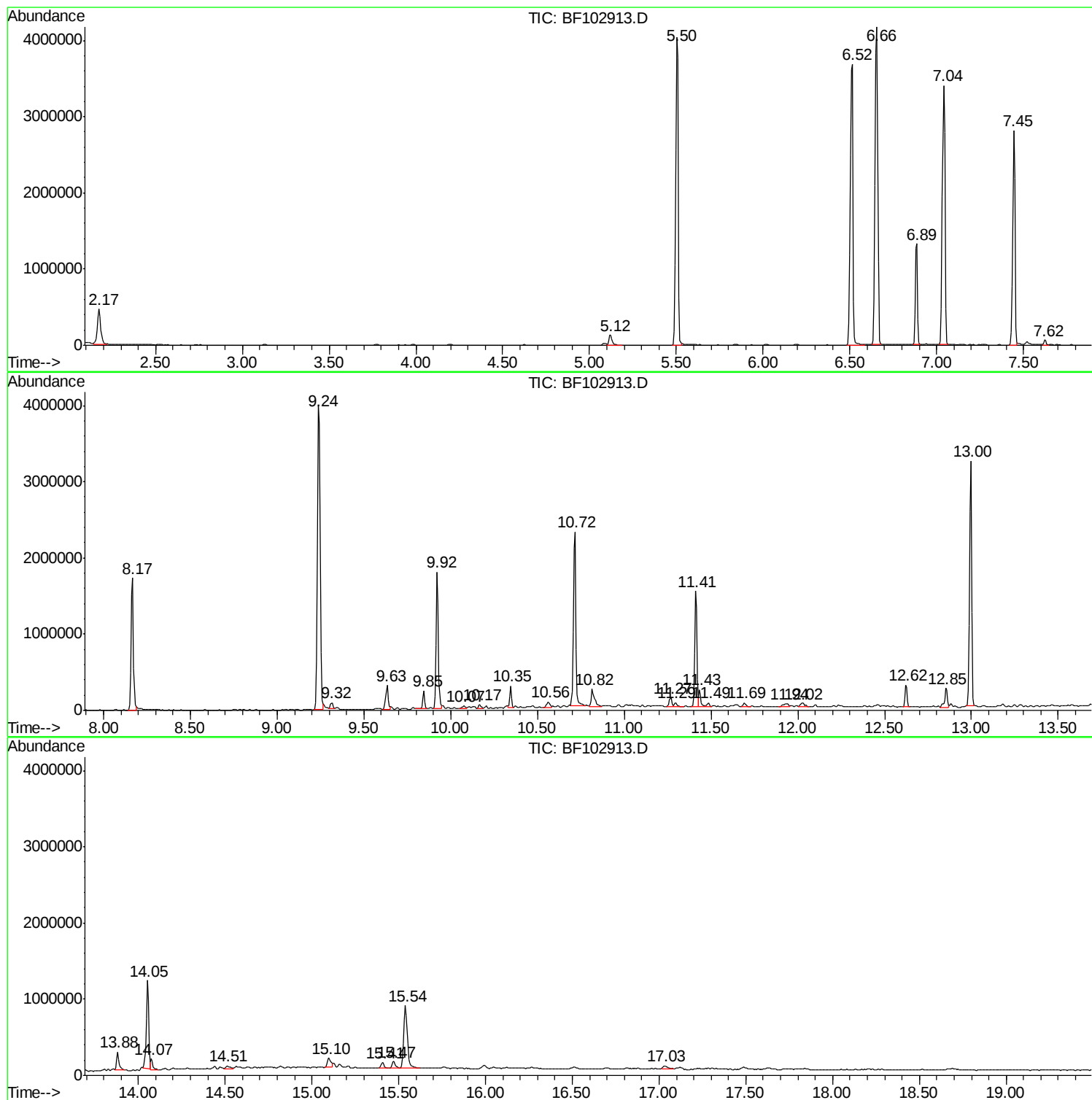
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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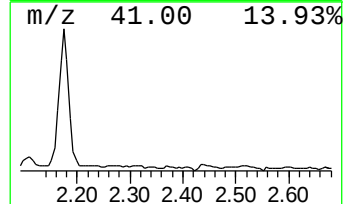
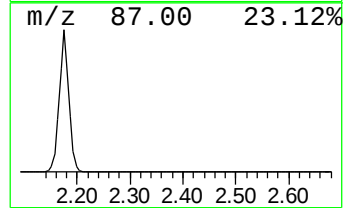
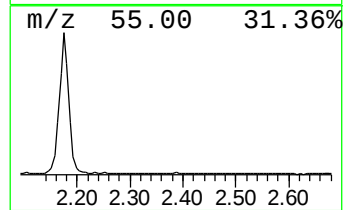
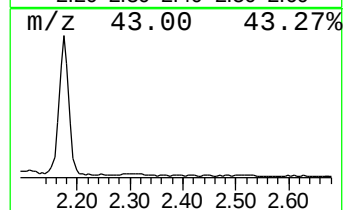
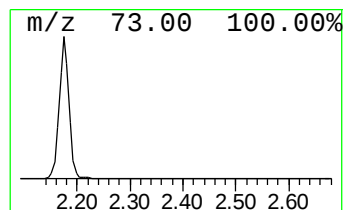
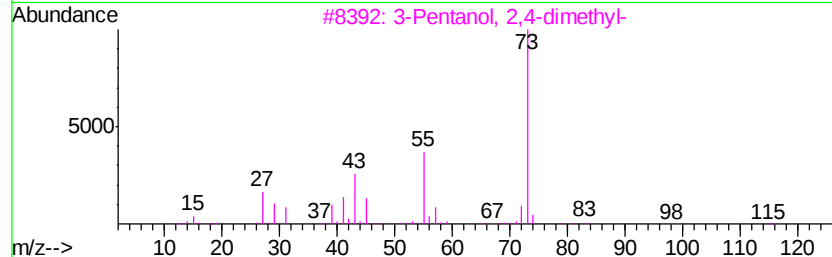
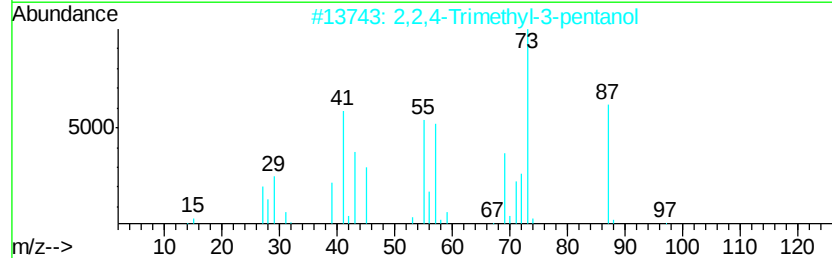
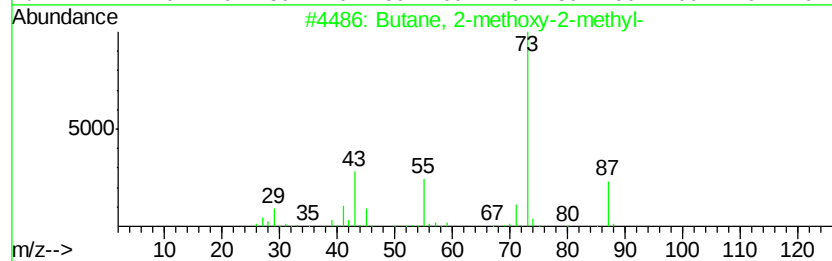
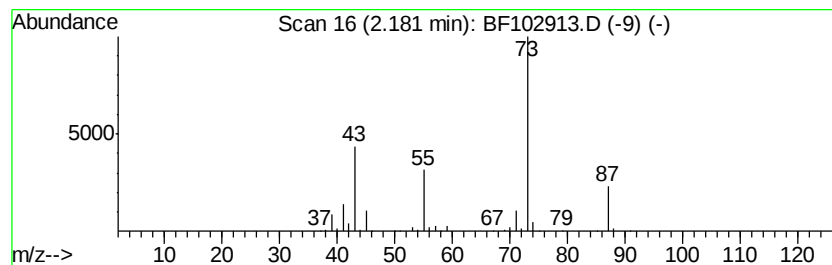
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.18	10.20 ng	606670	1,4-Dichlorobenzene-d4	6.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3		3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	37
4		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23
5		Silane, tetramethyl-	88	C4H12Si	000075-76-3	17



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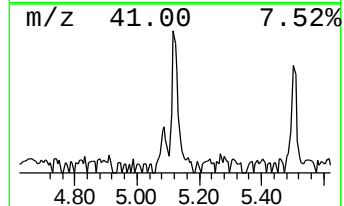
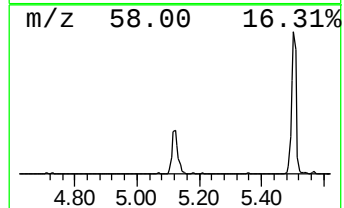
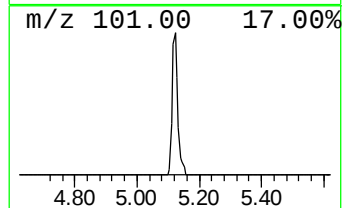
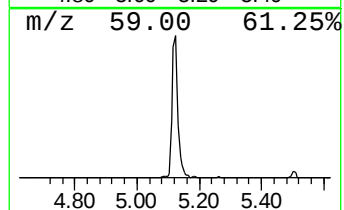
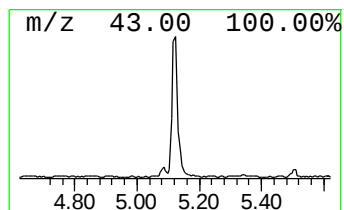
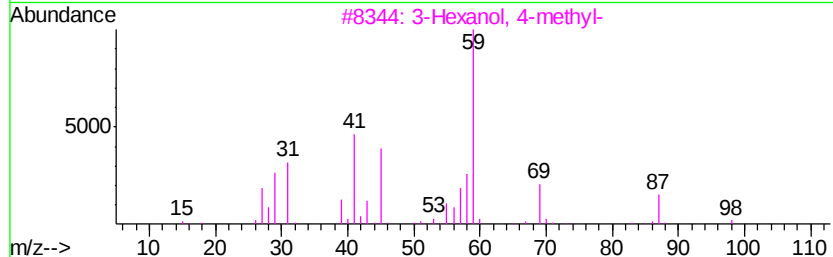
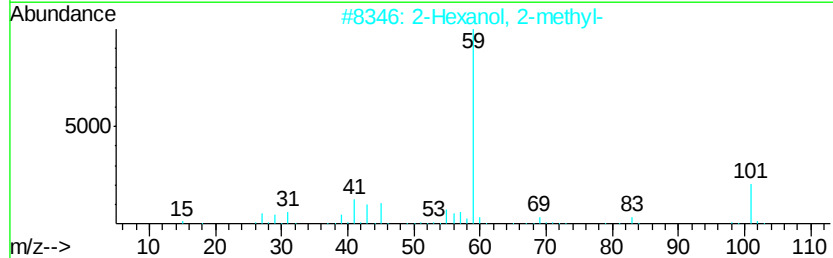
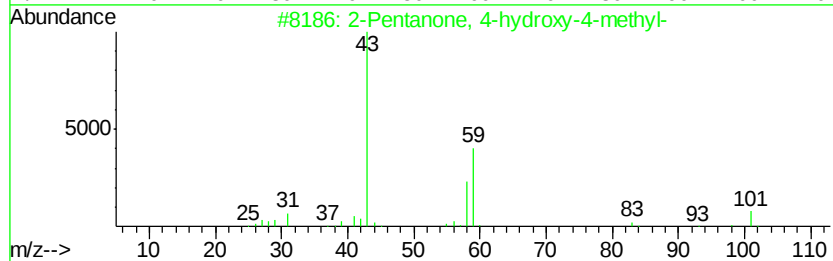
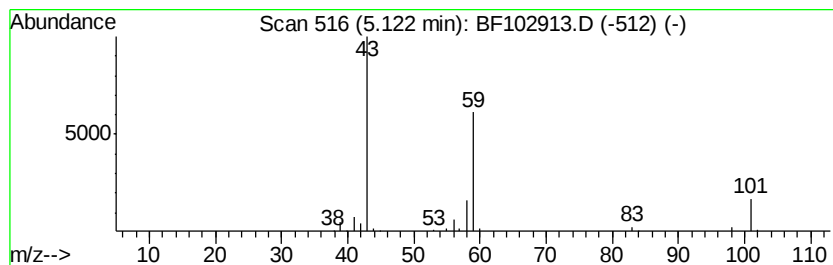
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Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.12	2.92 ng	173664	1,4-Dichlorobenzene-d4	6.89

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2			2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	38
3			3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4			4-Penten-2-one, 4-methyl-	98	C6H10O	003744-02-3	9
5			Guanidine	59	CH5N3	000113-00-8	9



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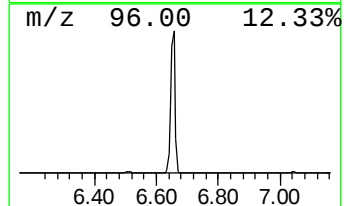
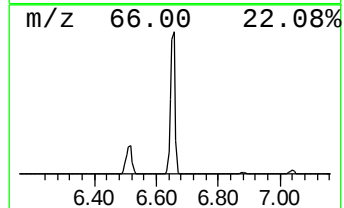
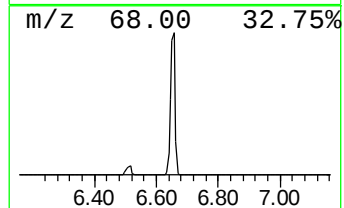
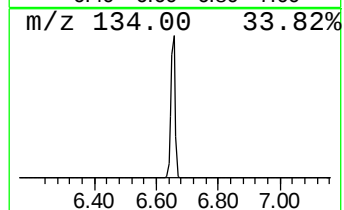
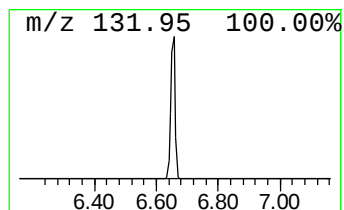
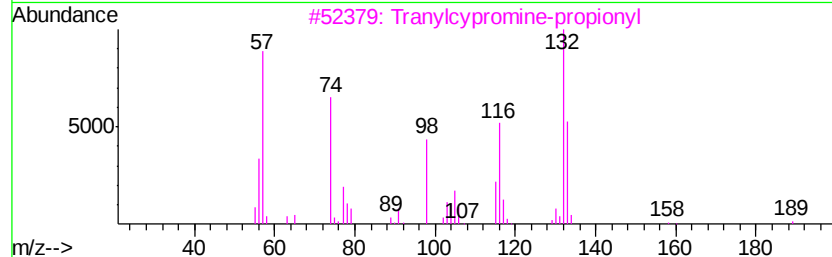
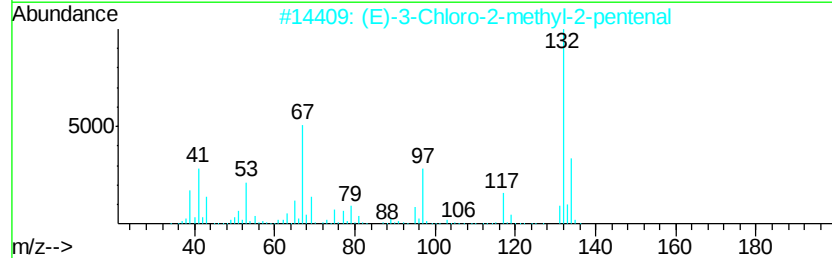
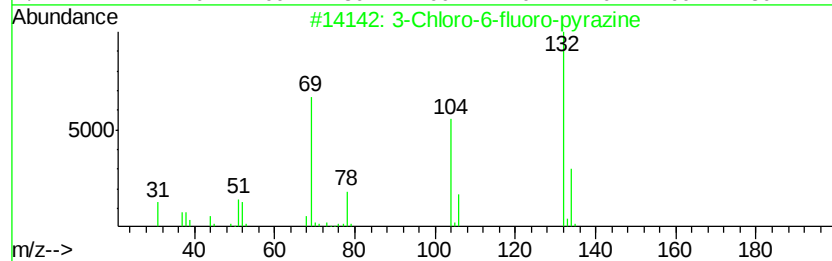
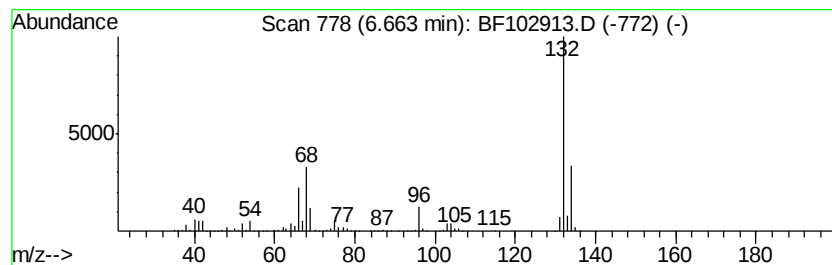
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown6.66 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.66	70.42 ng	4187730	1,4-Dichlorobenzene-d4	6.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	10
4		Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9
5		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9



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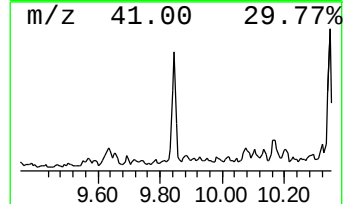
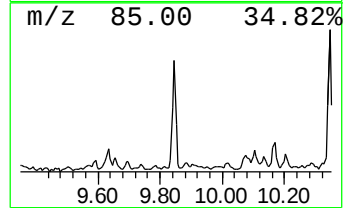
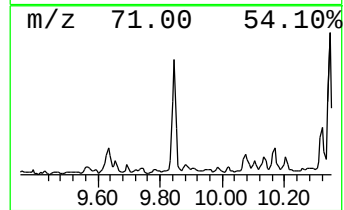
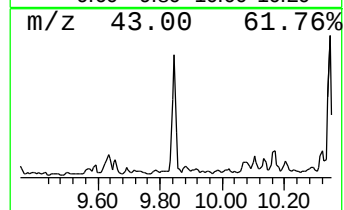
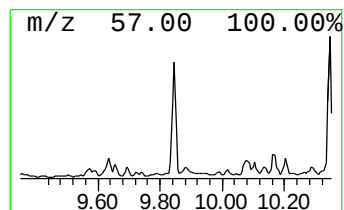
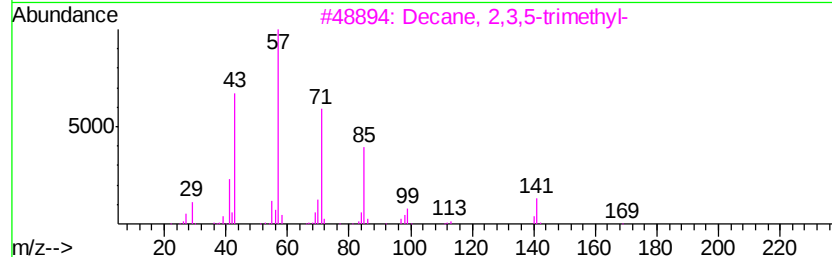
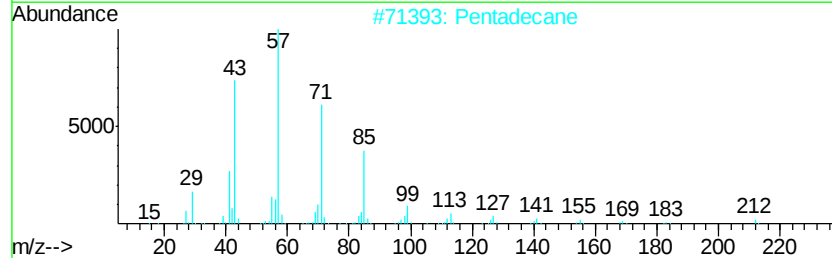
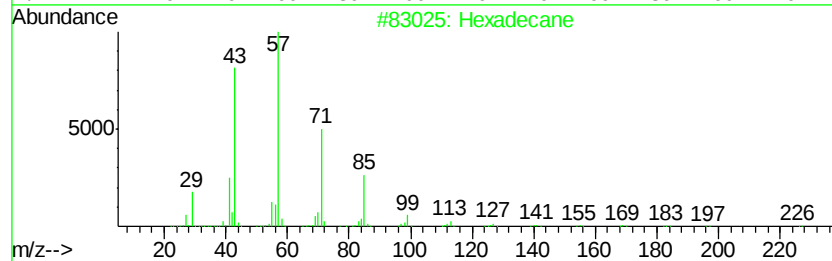
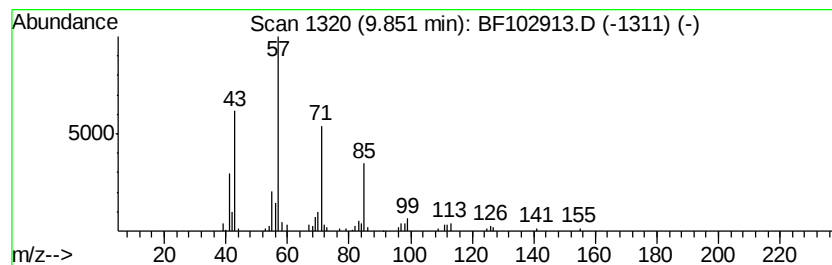
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Peak Number 5 Hexadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.85	2.39 ng	193898	Acenaphthene-d10	9.92

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane		226	C16H34	000544-76-3	91
2	Pentadecane		212	C15H32	000629-62-9	90
3	Decane, 2,3,5-trimethyl-		184	C13H28	062238-11-3	78
4	Tridecane		184	C13H28	000629-50-5	72
5	Undecane		156	C11H24	001120-21-4	53



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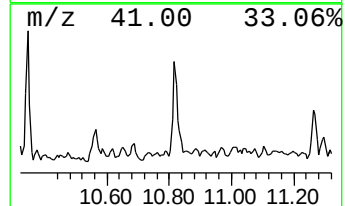
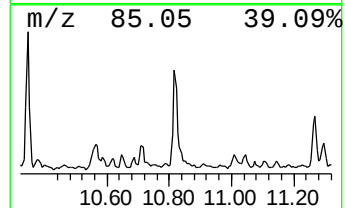
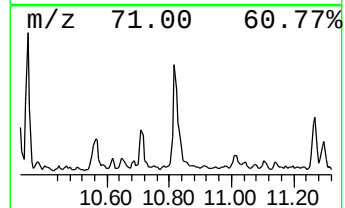
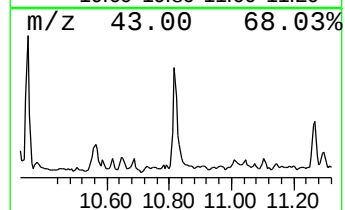
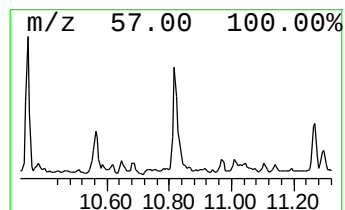
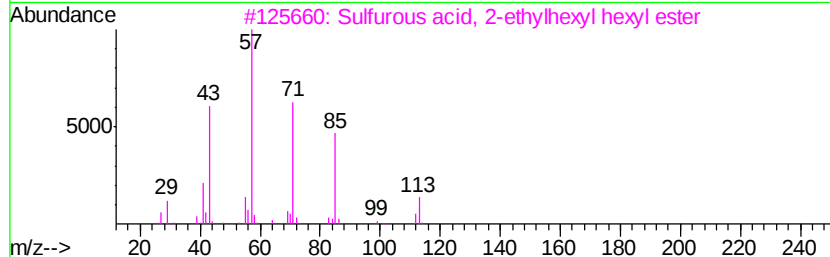
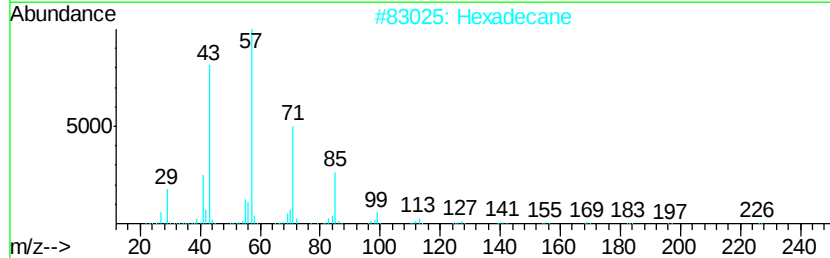
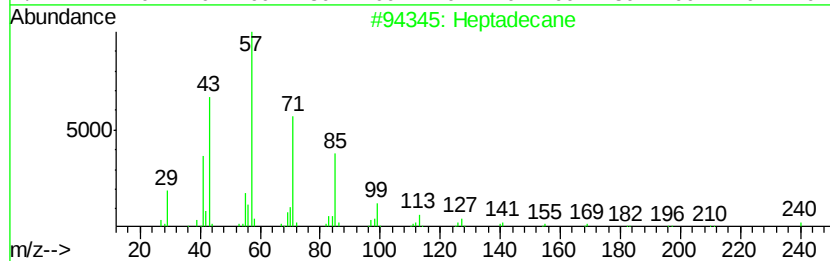
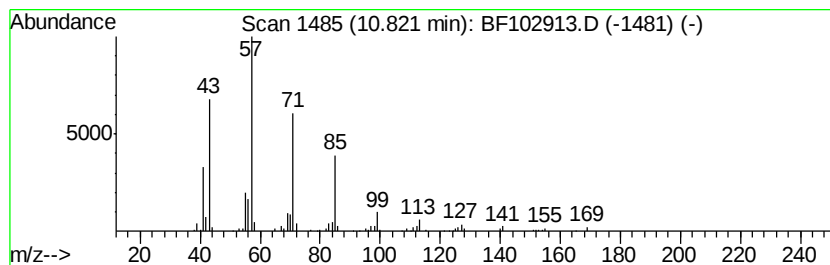
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RO-4632

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Heptadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.82	3.47 ng	254624	Phenanthrene-d10	11.41	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	90
2	Hexadecane	226	C16H34	000544-76-3	90
3	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	86
4	Tridecane	184	C13H28	000629-50-5	86
5	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	86



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF021218\
 Data File : BF102913.D
 Acq On : 12 Feb 2018 11:56
 Operator : SJ/JU
 Sample : J1512-10
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RO-4632

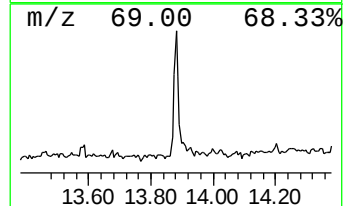
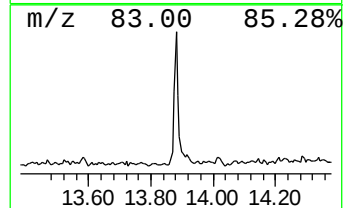
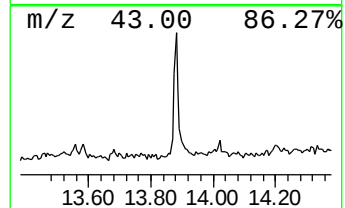
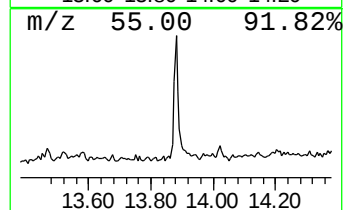
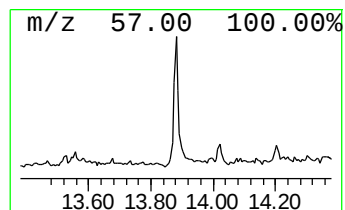
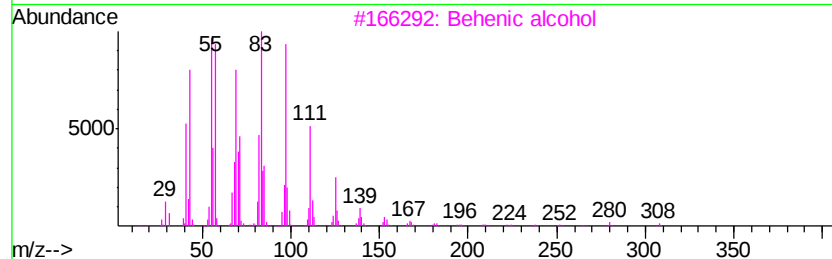
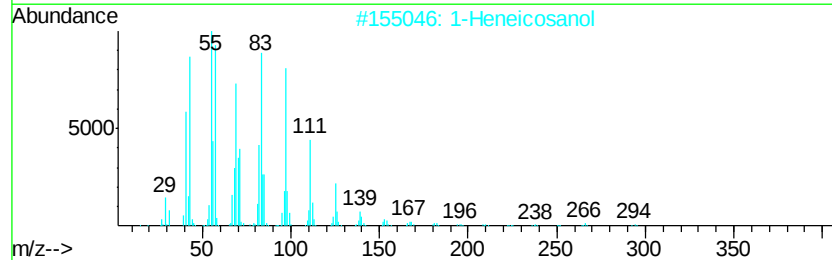
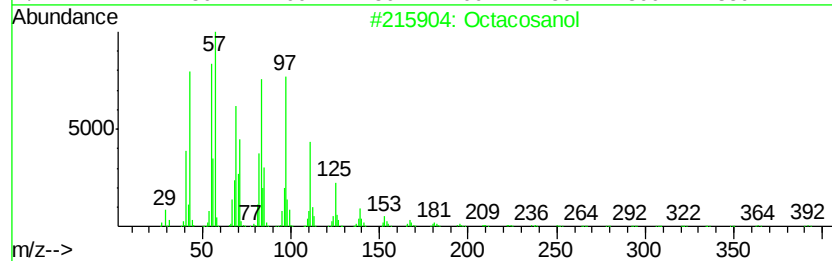
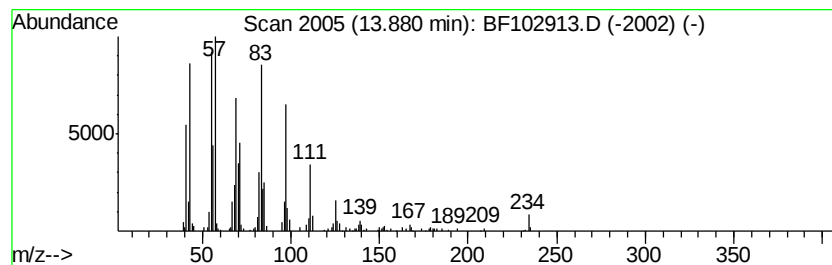
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 8 Octacosanol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.88	4.20 ng	244471	Chrysene-d12	14.05

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosanol	410	C28H58O	000557-61-9	94
2		1-Heneicosanol	312	C21H44O	015594-90-8	94
3		Behenic alcohol	326	C22H46O	000661-19-8	91
4		n-Tetracosanol-1	354	C24H50O	000506-51-4	91
5		5-Eicosene, (E)-	280	C20H40	074685-30-6	91



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF021218\
Data File : BF102913.D
Acq On : 12 Feb 2018 11:56
Operator : SJ/JU
Sample : J1512-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RO-4632

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.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
Butane, 2-methoxy...	2.18	10.2	ng	606670	1	6.89	1189320	20.0
2-Pentanone, 4-hy...	5.12	2.9	ng	173664	1	6.89	1189320	20.0
unknown6.66	6.66	70.4	ng	4187730	1	6.89	1189320	20.0
Hexadecane	9.85	2.4	ng	193898	3	9.92	1622460	20.0
Heptadecane	10.82	3.5	ng	254624	4	11.41	1468770	20.0
Octacosanol	13.88	4.2	ng	244471	5	14.05	1163010	20.0