

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF011019\
 Data File : BF111991.D
 Acq On : 10 Jan 2019 17:01
 Operator : JU/SJ
 Sample : K1100-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-DRUM-A

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_F\METHODS\8270-BF010719.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	2.163	10	13	24	rVB2	52742	82275	3.21%	0.359%
2	5.093	504	511	519	rBV	104754	129745	5.07%	0.566%
3	5.510	577	582	585	rBV	2256384	2088967	81.57%	9.108%
4	6.516	748	753	765	rBV	2460887	2286526	89.29%	9.969%
5	6.651	771	776	779	rBV	2495131	2281040	89.07%	9.945%
6	6.698	781	784	793	rVB	306174	247412	9.66%	1.079%
7	6.875	810	814	818	rBV	840450	676995	26.44%	2.952%
8	7.034	837	841	844	rBV	1914879	1652354	64.52%	7.204%
9	7.434	904	909	912	rBV	1605303	1421059	55.49%	6.196%
10	8.157	1026	1032	1036	rBV	1100804	957238	37.38%	4.173%
11	8.216	1039	1042	1045	rVB2	31221	34108	1.33%	0.149%
12	8.581	1100	1104	1106	rBV	42450	38563	1.51%	0.168%
13	8.745	1129	1132	1136	rVB	124080	110777	4.33%	0.483%
14	9.034	1178	1181	1185	rBV3	19089	29806	1.16%	0.130%
15	9.181	1203	1206	1210	rVB	42402	33009	1.29%	0.144%
16	9.228	1210	1214	1218	rBV	2941416	2560812	100.00%	11.165%
17	9.310	1225	1228	1232	rBV	136962	135600	5.30%	0.591%
18	9.622	1277	1281	1285	rBV	690073	584975	22.84%	2.550%
19	9.839	1316	1318	1322	rVB	97440	79895	3.12%	0.348%
20	9.910	1327	1330	1335	rVB	1159701	1021554	39.89%	4.454%
21	10.339	1401	1403	1406	rVB	75039	58017	2.27%	0.253%
22	10.698	1460	1464	1478	rVB	1622296	1501321	58.63%	6.546%
23	10.816	1481	1484	1488	rBV	42145	45357	1.77%	0.198%
24	11.398	1579	1583	1589	rBV	1079332	861683	33.65%	3.757%
25	12.980	1848	1852	1855	rBV	2520696	2106653	82.27%	9.185%
26	13.880	2001	2005	2010	rVB2	48594	63854	2.49%	0.278%
27	14.039	2028	2032	2036	rBV	1073111	912465	35.63%	3.978%
28	14.668	2137	2139	2143	rVB	49984	46558	1.82%	0.203%
29	14.816	2162	2164	2168	rVB	46561	44247	1.73%	0.193%
30	14.892	2175	2177	2181	rVB	30594	30188	1.18%	0.132%
31	15.157	2220	2222	2226	rVB	36219	39820	1.55%	0.174%
32	15.527	2280	2285	2293	rVB	569816	773804	30.22%	3.374%

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Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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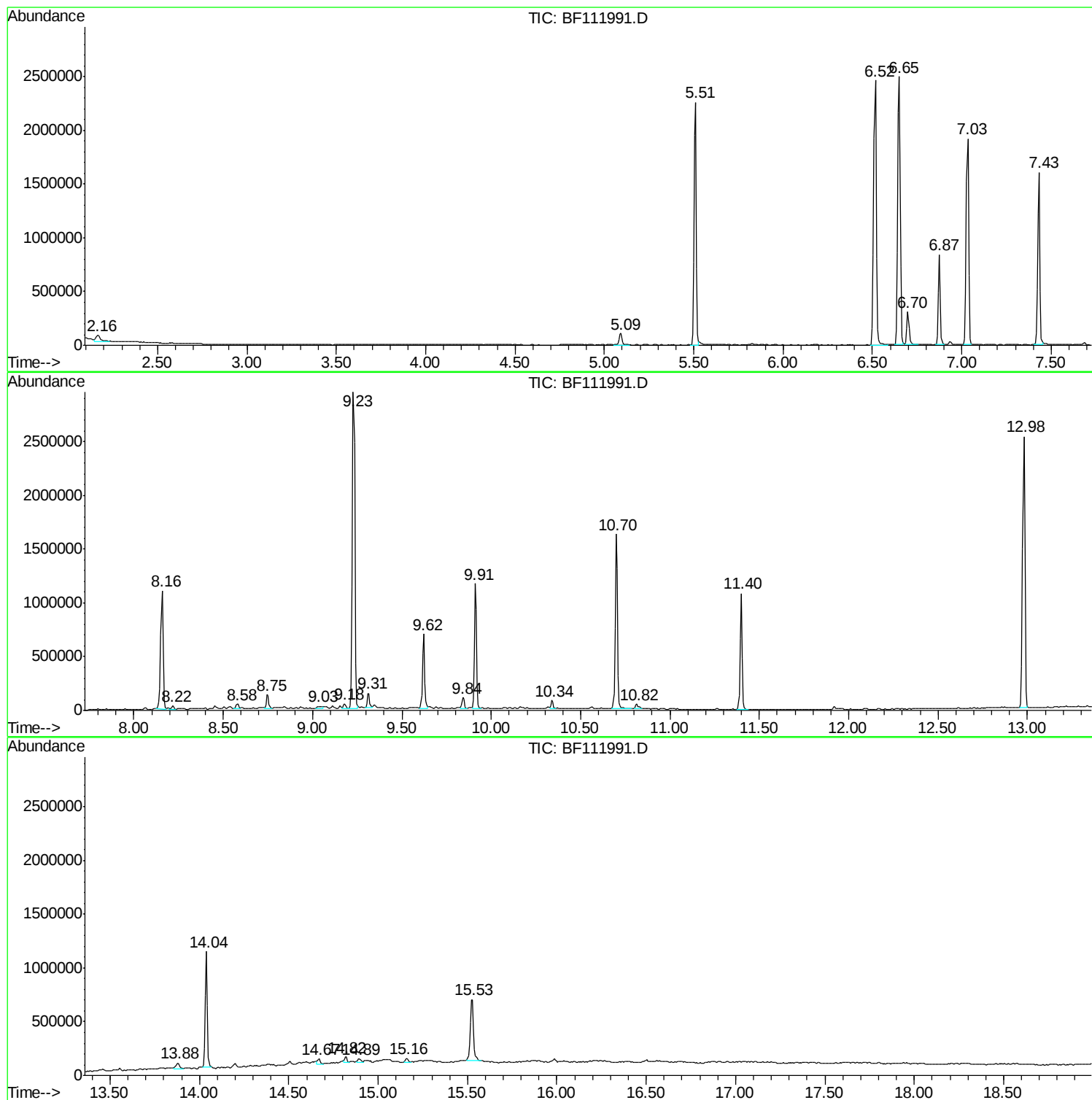
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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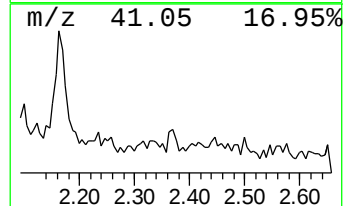
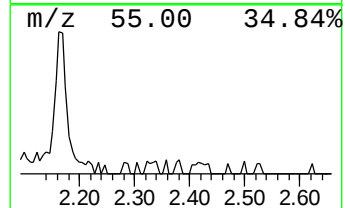
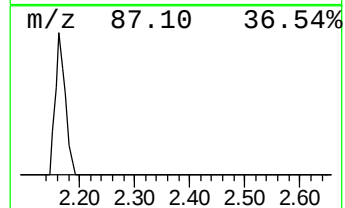
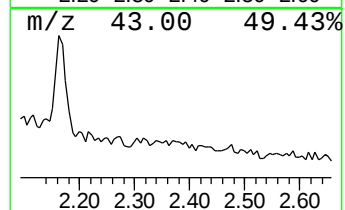
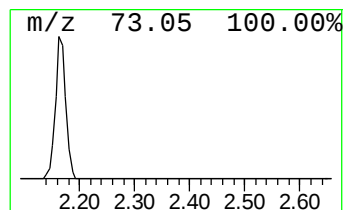
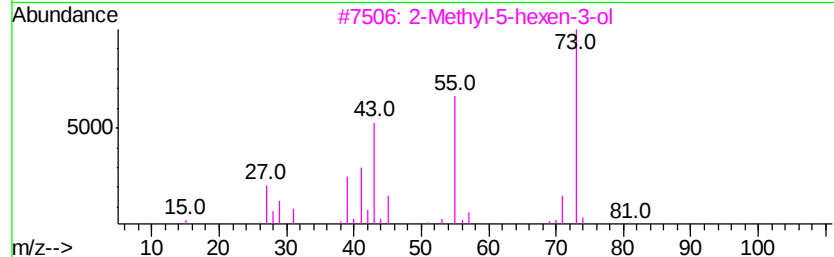
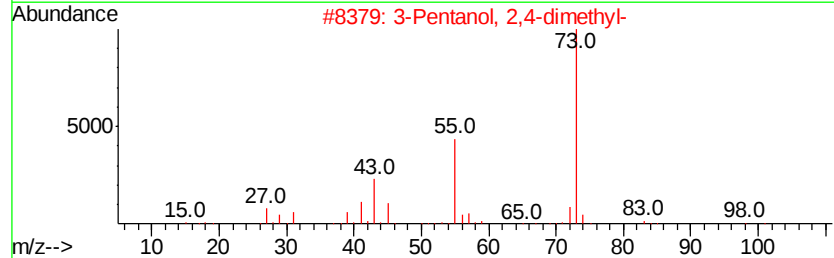
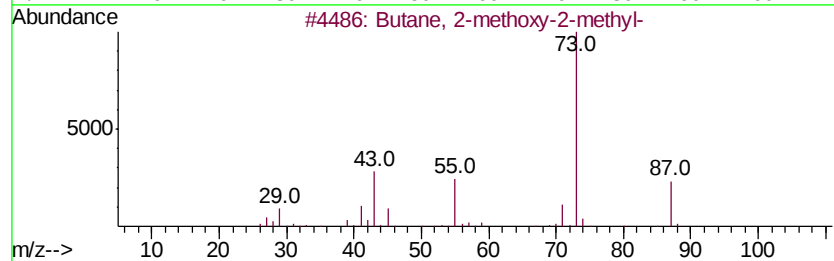
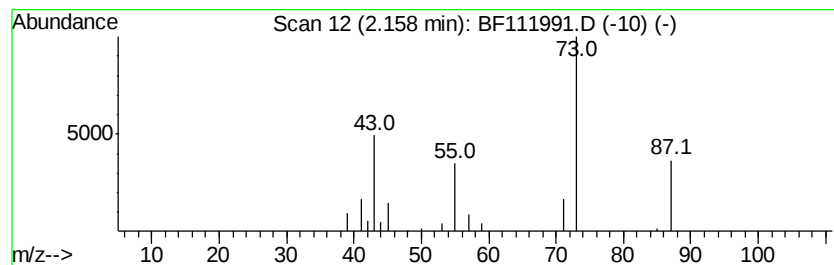
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.16	2.43 ng	82275	1,4-Dichlorobenzene-d4	6.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2		3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	37
3		2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	37
4		Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
5		Acetamide, N-(2-hydroxy-3-penten...	143	C7H13NO2	093393-95-4	9



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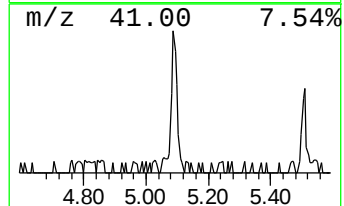
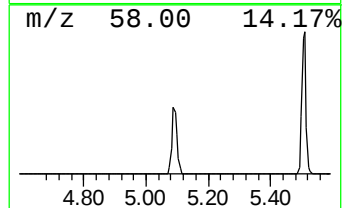
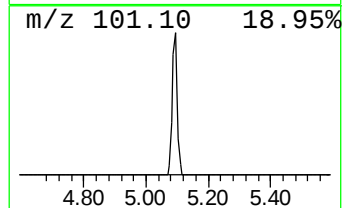
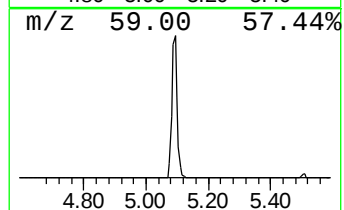
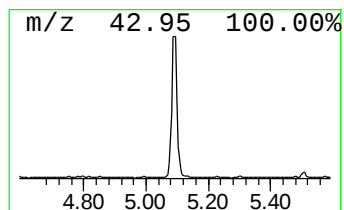
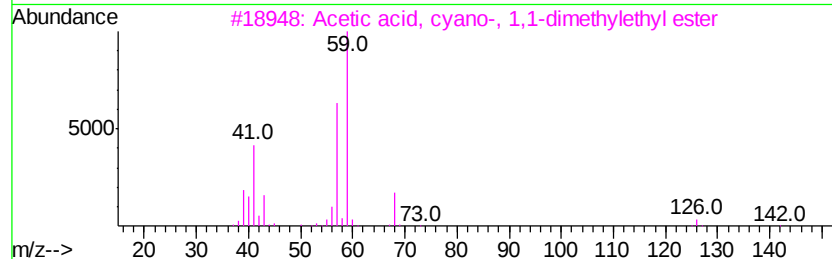
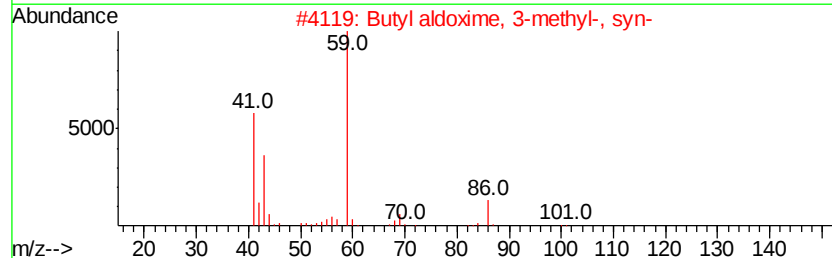
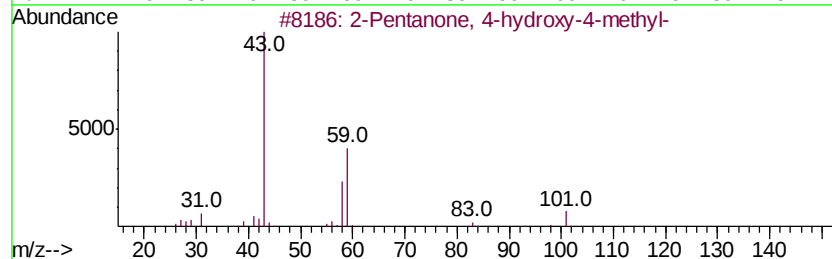
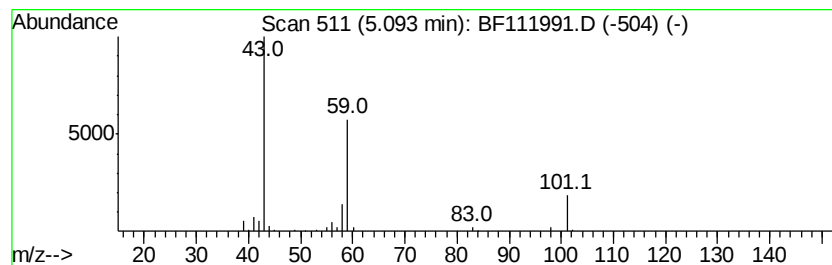
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.09	3.83 ng	129745	1,4-Dichlorobenzene-d4	6.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
2		Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	32
3		Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	25
4		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16
5		Guanidine	59	CH5N3	000113-00-8	9



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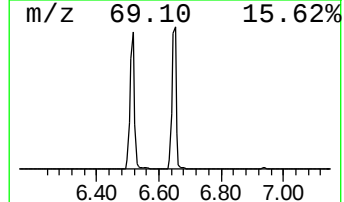
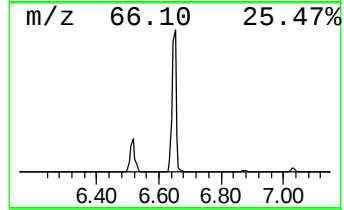
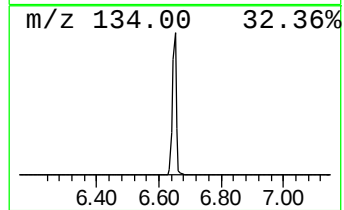
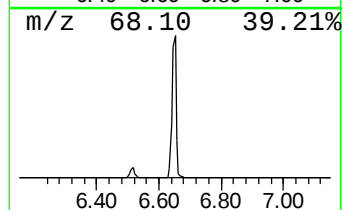
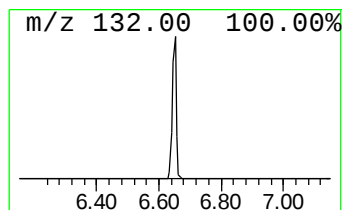
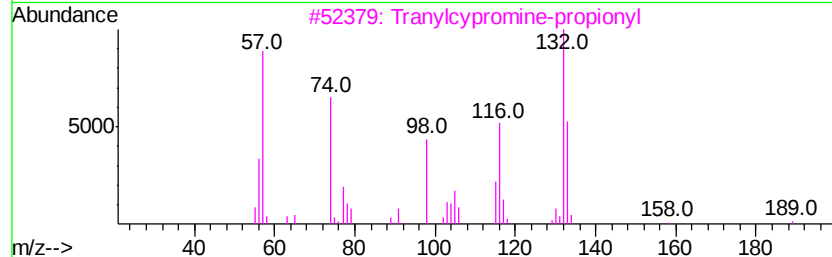
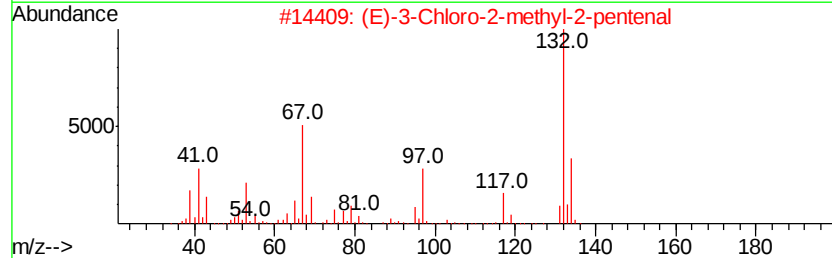
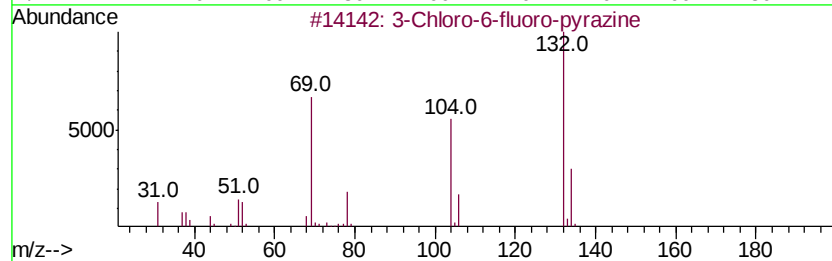
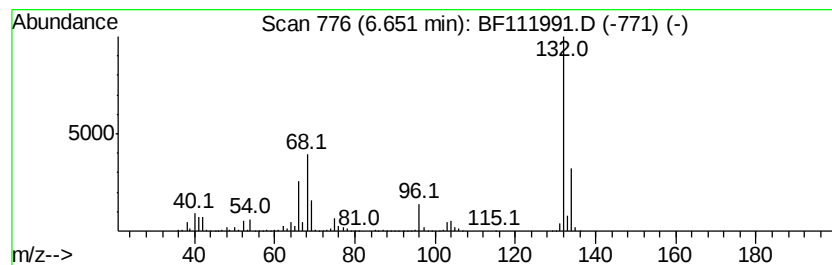
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown6.65 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	67.39 ng	2281040	1,4-Dichlorobenzene-d4	6.87

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	16
3		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	12
4		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5		1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9



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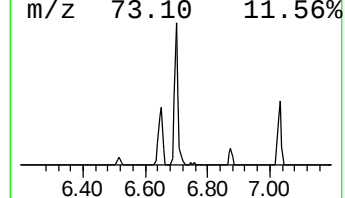
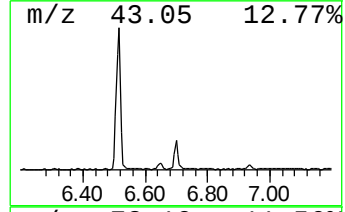
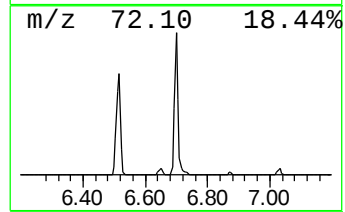
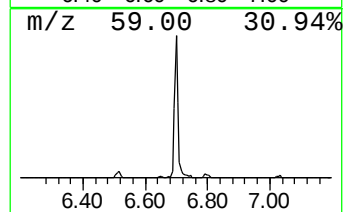
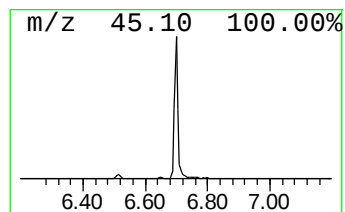
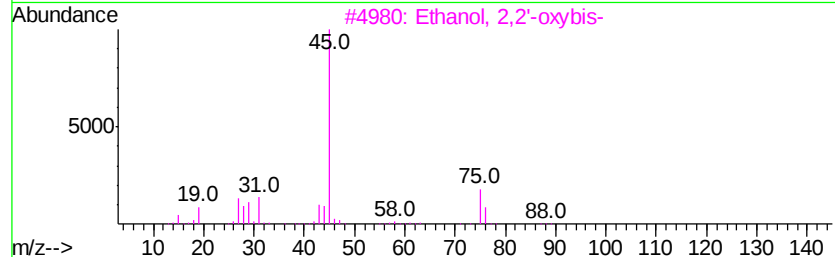
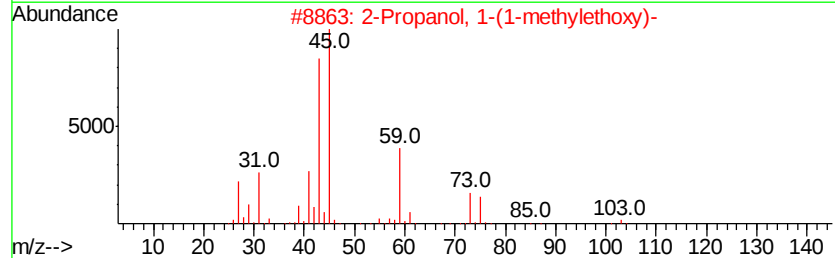
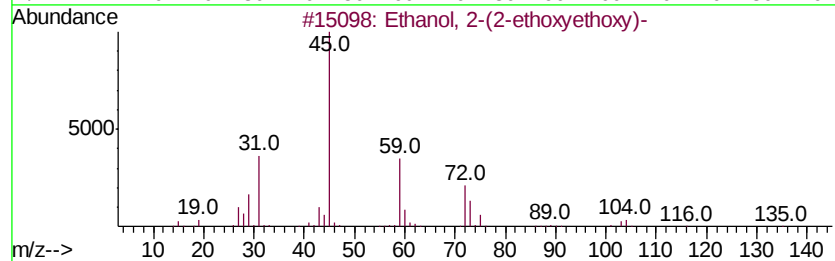
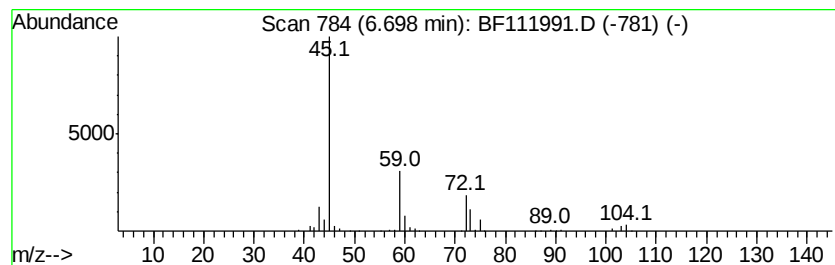
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Ethanol, 2-(2-ethoxyethoxy)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.70	7.31 ng	247412	1,4-Dichlorobenzene-d4	6.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	90
2		2-Propanol, 1-(1-methylethoxy)-	118	C6H14O2	003944-36-3	50
3		Ethanol, 2,2'-oxybis-	106	C4H10O3	000111-46-6	38
4		Ethyl ether	74	C4H10O	000060-29-7	36
5		Methoxyacetic acid, 2-methylprop...	146	C7H14O3	1000282-40-9	33



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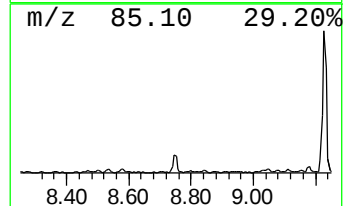
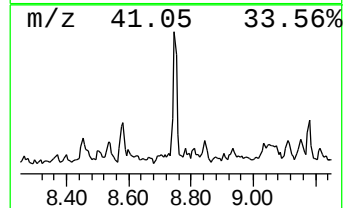
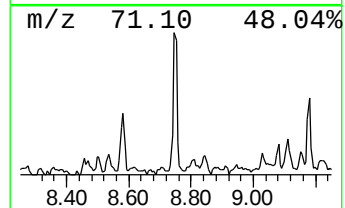
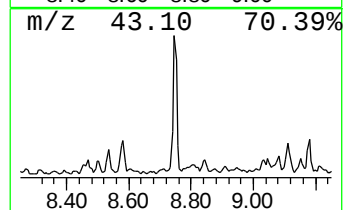
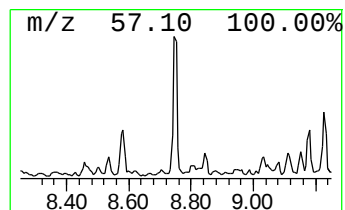
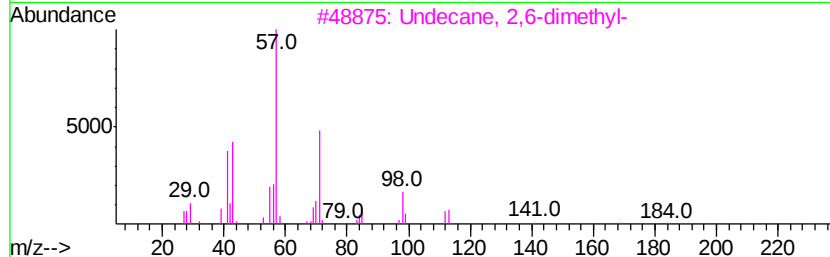
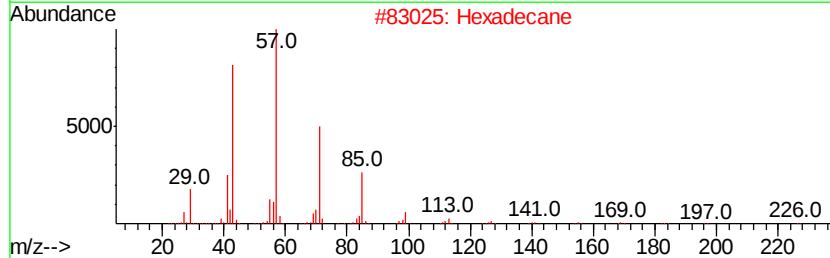
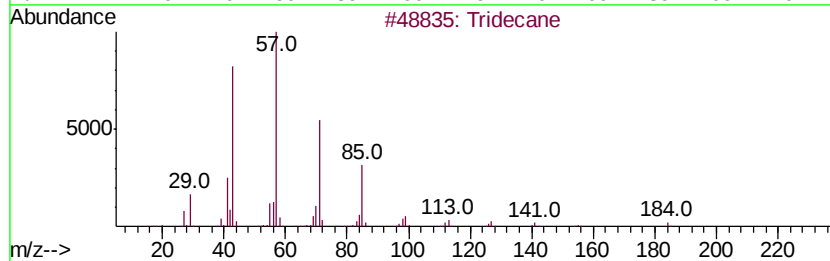
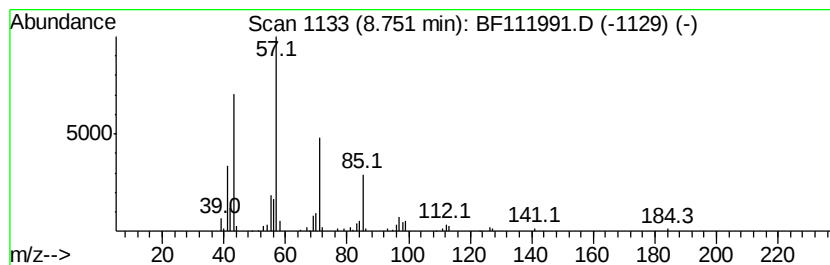
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Peak Number 6 Tridecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.75	2.31 ng	110777	Naphthalene-d8	8.16

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane		184	C13H28	000629-50-5	91
2	Hexadecane		226	C16H34	000544-76-3	86
3	Undecane, 2,6-dimethyl-		184	C13H28	017301-23-4	81
4	Tetradecane		198	C14H30	000629-59-4	80
5	Undecane		156	C11H24	001120-21-4	80



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BNA_F
ClientSampleId :
SOIL-DRUM-A

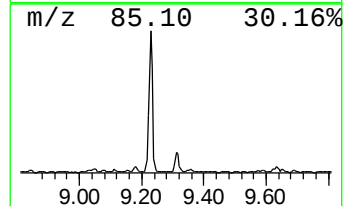
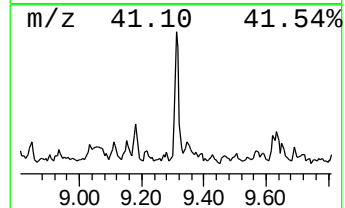
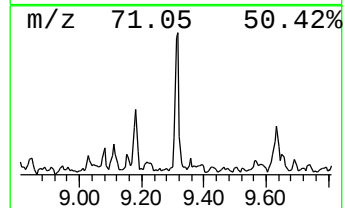
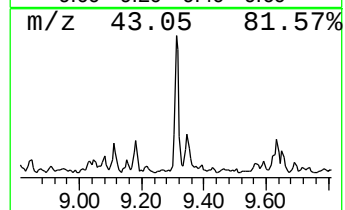
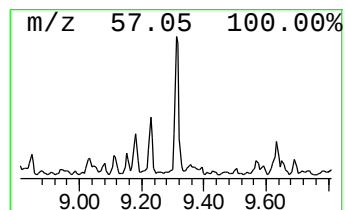
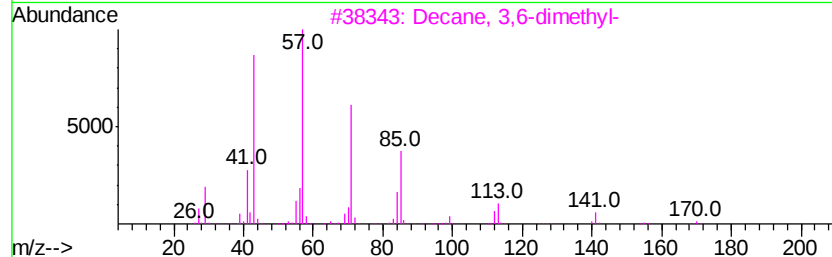
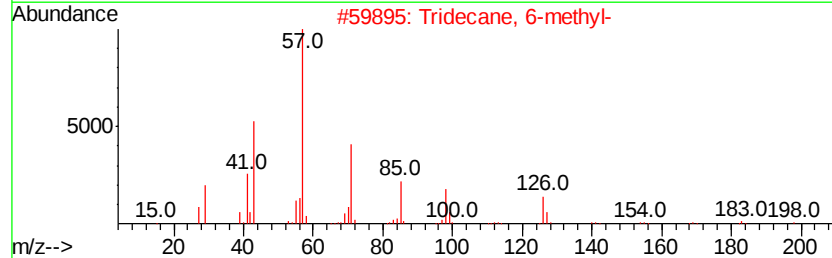
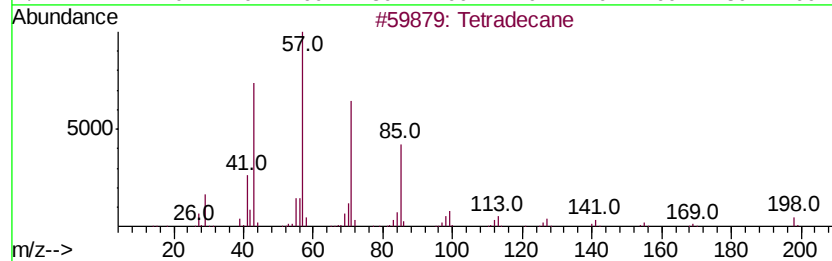
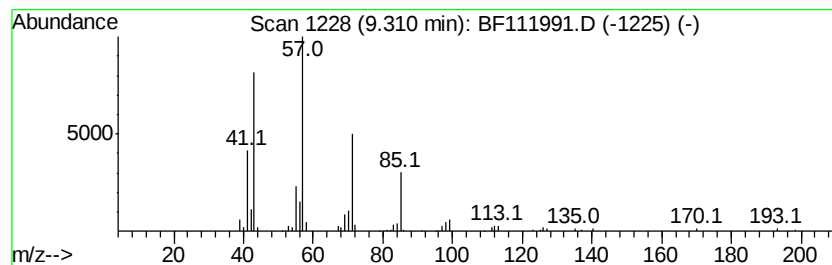
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Tetradecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.31	2.65 ng	135600	Acenaphthene-d10	9.91

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane	198	C14H30	000629-59-4	90
2		Tridecane, 6-methyl-	198	C14H30	013287-21-3	90
3		Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	90
4		Dodecane	170	C12H26	000112-40-3	87
5		Hexadecane	226	C16H34	000544-76-3	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF011019\
Data File : BF111991.D
Acq On : 10 Jan 2019 17:01
Operator : JU/SJ
Sample : K1100-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SOIL-DRUM-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010719.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...	2.16	2.4	ng	82275	1	6.87	676995	20.0
2-Pentanone, 4-hy...	5.09	3.8	ng	129745	1	6.87	676995	20.0
unknown6.65	6.65	67.4	ng	2281040	1	6.87	676995	20.0
Ethanol, 2-(2-eth...	6.70	7.3	ng	247412	1	6.87	676995	20.0
Tridecane	8.75	2.3	ng	110777	2	8.16	957238	20.0
Tetradecane	9.31	2.6	ng	135600	3	9.91	1021550	20.0