

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040418\
 Data File : BF104231.D
 Acq On : 4 Apr 2018 17:55
 Operator : JU/SJ
 Sample : J2185-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOWER-CONCRETE-SLAB-1

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:\HPCHEM1\BNA_F\METHODS\8270-BF032818.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	2.287	29	34	40	rVB	108758	149973	4.89%	0.724%
2	4.604	422	428	443	rBV3	28470	134697	4.39%	0.650%
3	5.187	522	527	547	rBV	685996	965249	31.49%	4.659%
4	5.616	594	600	619	rBV2	58051	294500	9.61%	1.422%
5	6.592	763	766	785	rBV	578538	1522218	49.67%	7.348%
6	6.728	785	789	815	rVB	535484	1154490	37.67%	5.573%
7	6.951	824	827	849	rBV	222636	572758	18.69%	2.765%
8	7.104	849	853	876	rVV	1248860	1766015	57.62%	8.524%
9	7.516	920	923	946	rBV	616225	1328500	43.35%	6.412%
10	7.922	989	992	1006	rVB	57137	77543	2.53%	0.374%
11	8.234	1041	1045	1071	rBV	469445	900631	29.39%	4.347%
12	9.298	1223	1226	1242	rBV	2129861	2866124	93.52%	13.834%
13	9.698	1287	1294	1308	rBV	138372	208753	6.81%	1.008%
14	9.892	1324	1327	1332	rBV	49721	46815	1.53%	0.226%
15	9.986	1339	1343	1360	rBV	900426	1037605	33.86%	5.008%
16	10.392	1409	1412	1416	rBV	70462	53215	1.74%	0.257%
17	10.610	1444	1449	1452	rBV	24019	31490	1.03%	0.152%
18	10.792	1476	1480	1490	rBV	93069	190748	6.22%	0.921%
19	10.869	1490	1493	1498	rVB	62284	77953	2.54%	0.376%
20	11.486	1594	1598	1619	rBV	691865	1089121	35.54%	5.257%
21	11.680	1627	1631	1637	rBV3	23474	32770	1.07%	0.158%
22	13.069	1862	1867	1894	rBV	2544261	3064848	100.00%	14.794%
23	13.533	1942	1946	1950	rBV	32541	37744	1.23%	0.182%
24	13.933	2011	2014	2023	rVB	290594	293044	9.56%	1.414%
25	14.080	2035	2039	2042	rBV	79310	76267	2.49%	0.368%
26	14.139	2045	2049	2064	rBV	664197	1012535	33.04%	4.887%
27	14.580	2119	2124	2128	rBV6	26297	45278	1.48%	0.219%
28	14.733	2146	2150	2161	rBV	896228	863309	28.17%	4.167%
29	14.957	2185	2188	2194	rVB	134500	149664	4.88%	0.722%
30	15.674	2305	2310	2326	rBV	326235	638327	20.83%	3.081%
31	16.145	2387	2390	2397	rBV8	20485	35167	1.15%	0.170%

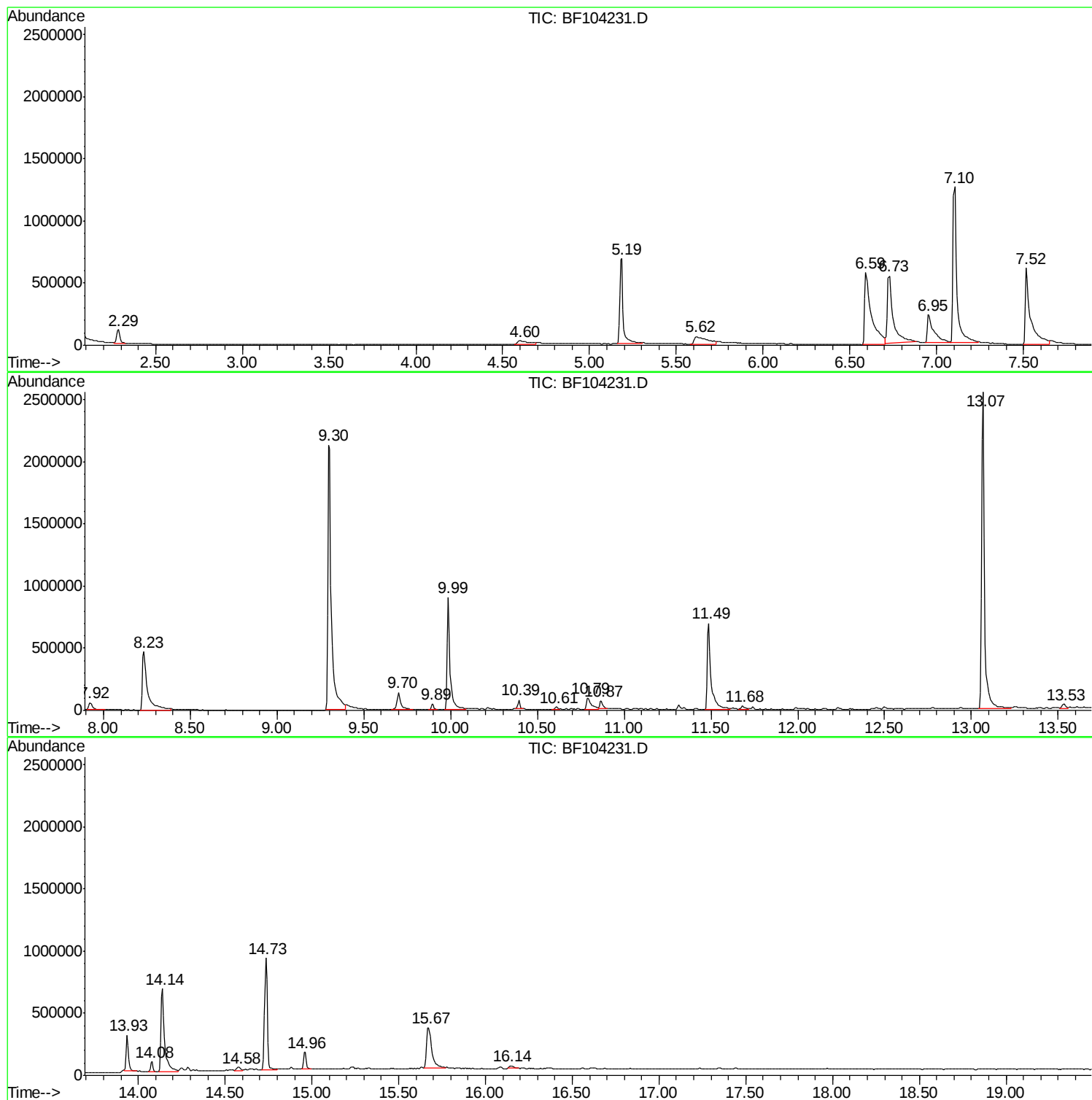
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ClientSampleId :
LOWER-CONCRETE-SLAB-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032818.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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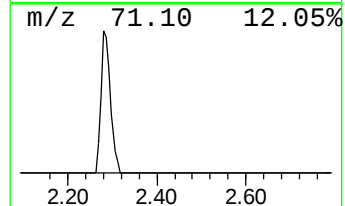
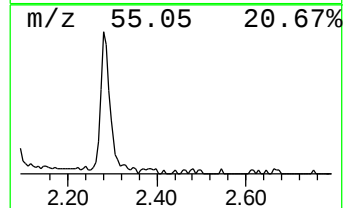
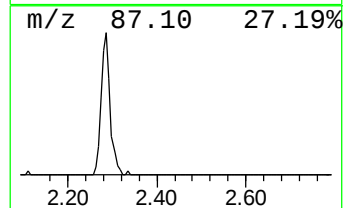
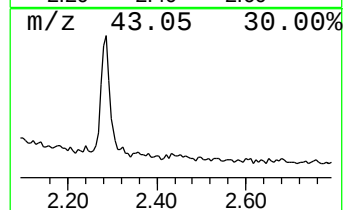
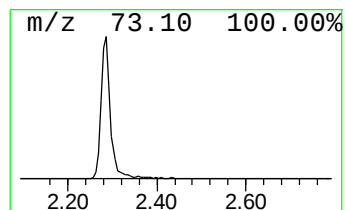
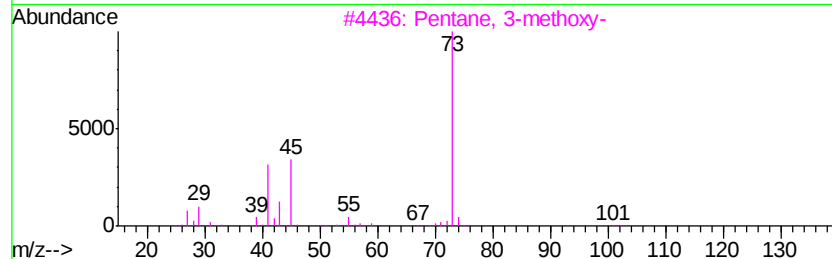
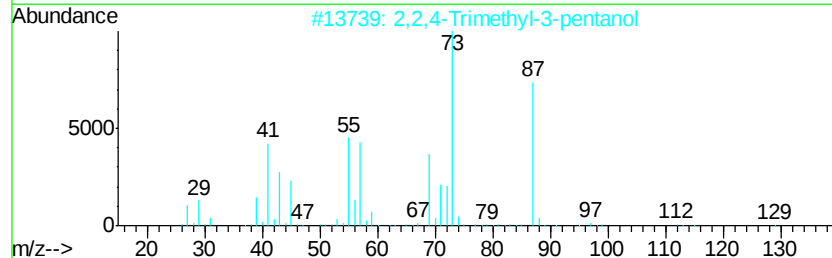
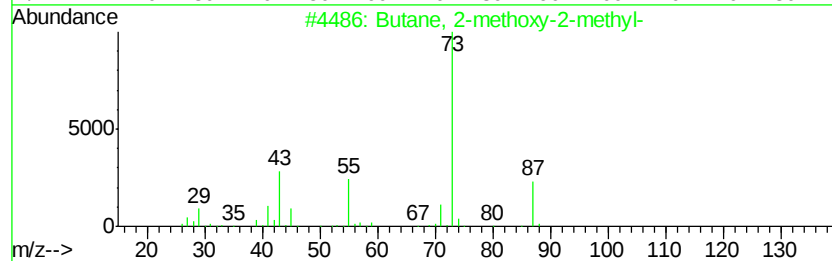
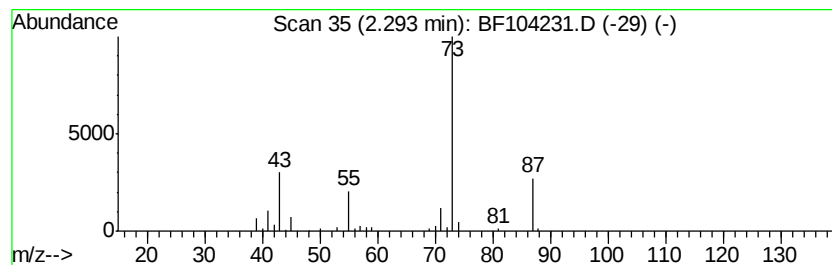
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.29	5.24 ng	149973	1,4-Dichlorobenzene-d4	6.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	90
2		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	43
3		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
4		3-Hexanol, 2-methyl-	116	C7H16O	000617-29-8	17
5		Silane, tetramethyl-	88	C4H12Si	000075-76-3	12



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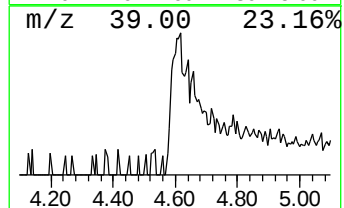
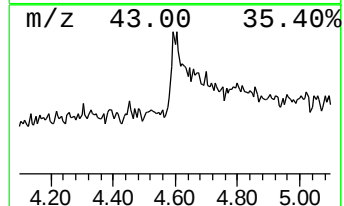
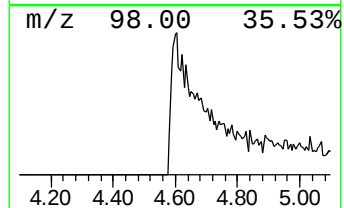
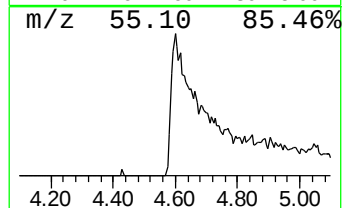
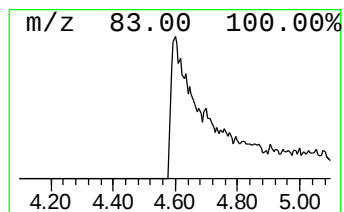
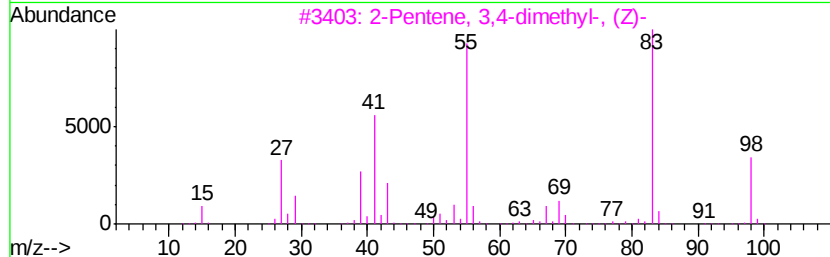
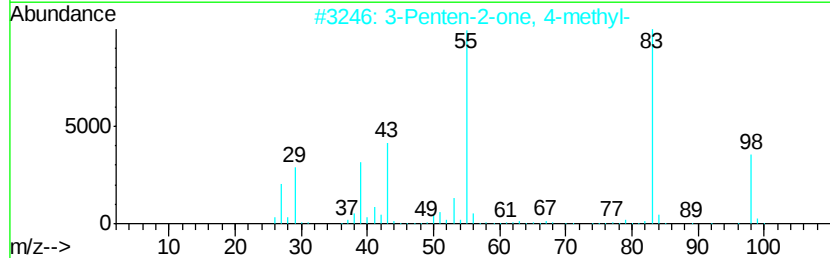
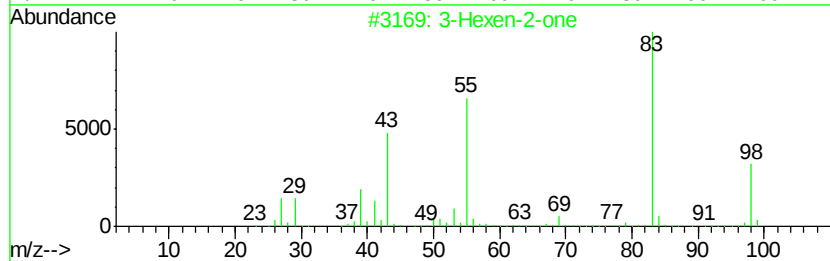
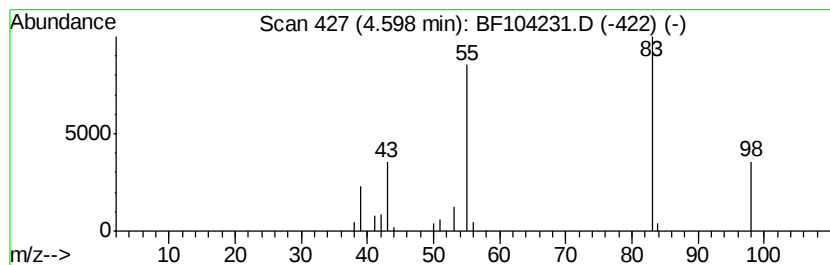
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Peak Number 2 3-Hexen-2-one Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.60	4.70 ng	134697	1,4-Dichlorobenzene-d4	6.96

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Hexen-2-one	98	C6H10O	000763-93-9	90
2			3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	83
3			2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	80
4			2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	80
5			2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	72



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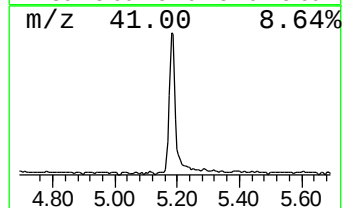
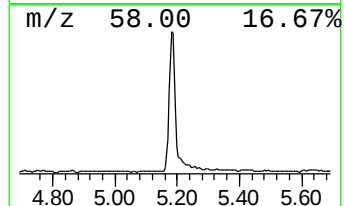
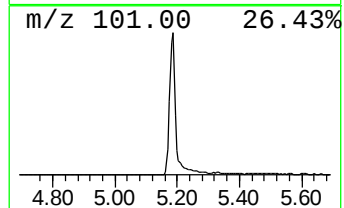
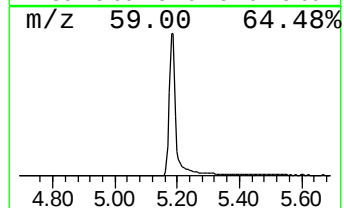
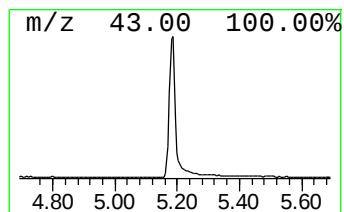
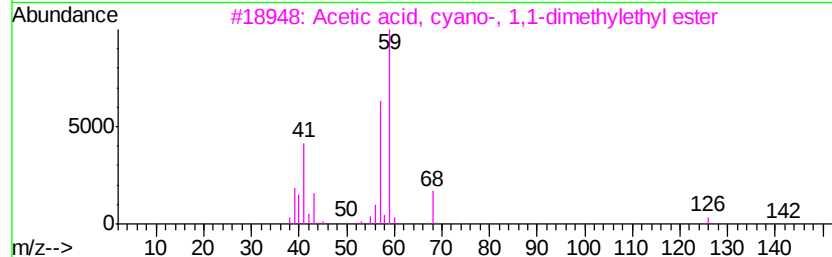
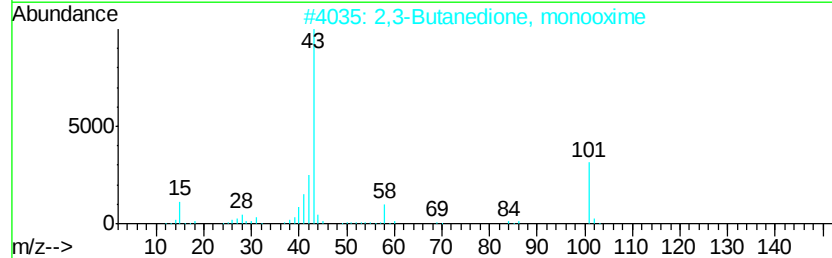
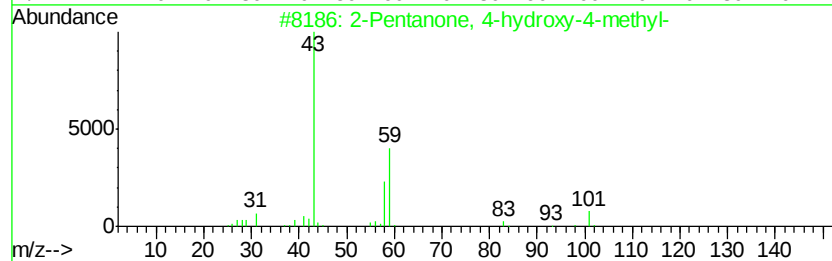
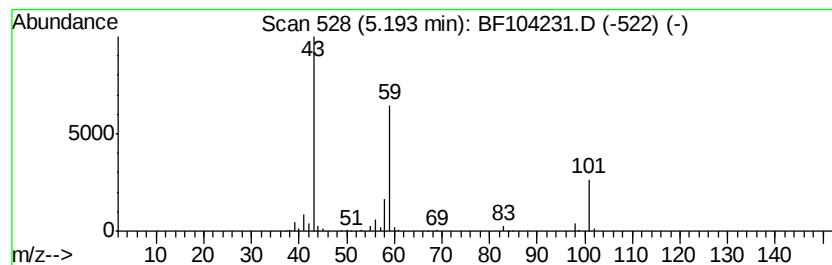
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Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.19	33.71 ng	965249	1,4-Dichlorobenzene-d4	6.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	17
3		Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	17
4		(+)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9
5		5-Hexen-2-one	98	C6H10O	000109-49-9	9



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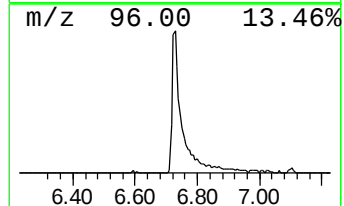
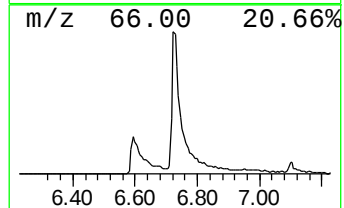
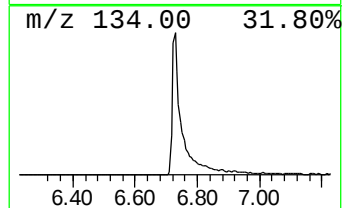
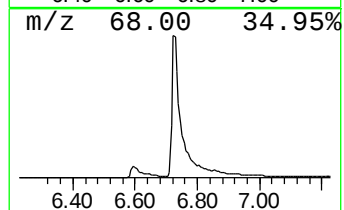
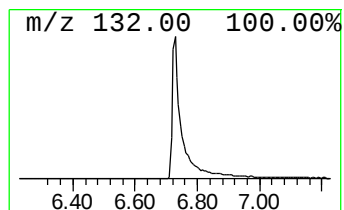
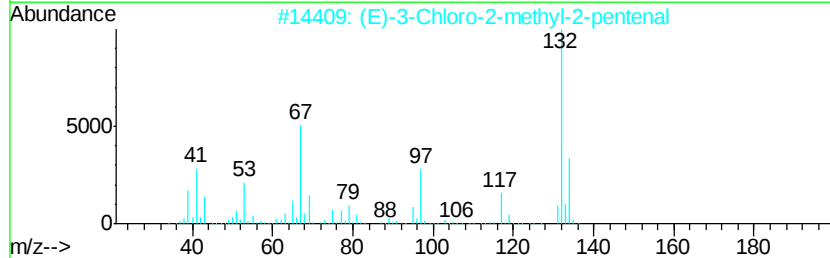
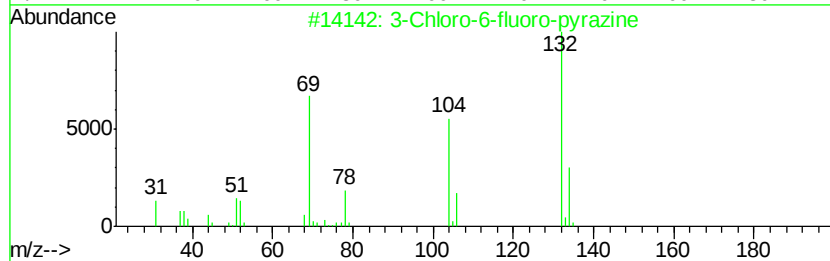
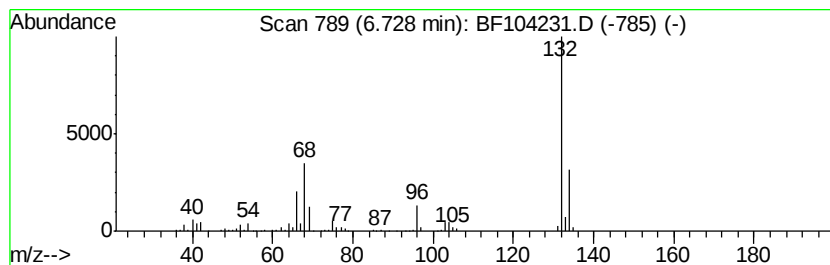
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 4 unknown6.73 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.73	40.31 ng	1154490	1,4-Dichlorobenzene-d4	6.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	12
4		1H-Indazole, 7-methyl-	132	C8H8N2	1000316-00-7	10
5		Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	9



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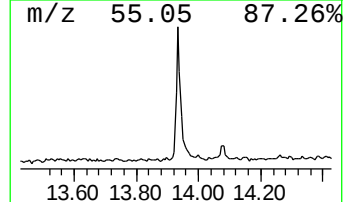
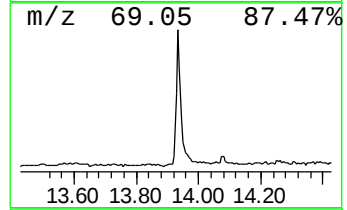
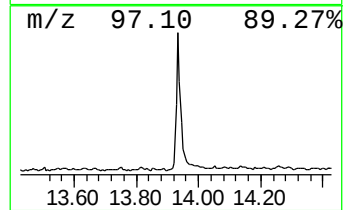
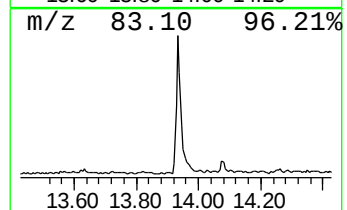
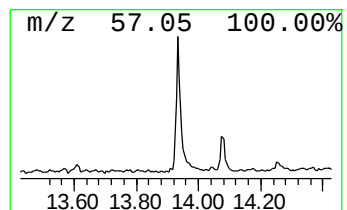
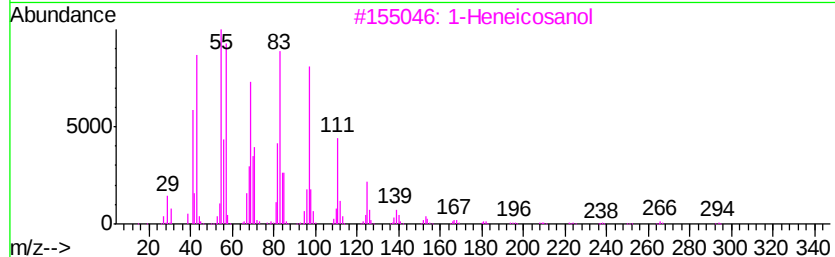
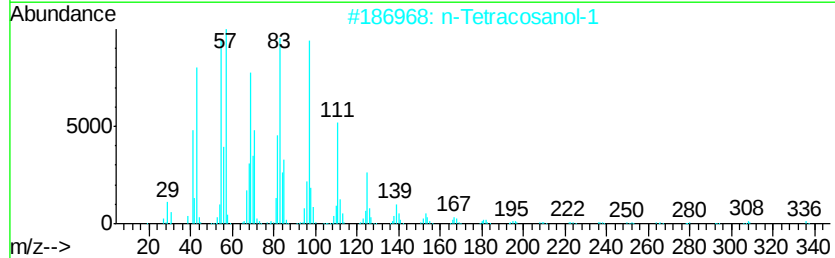
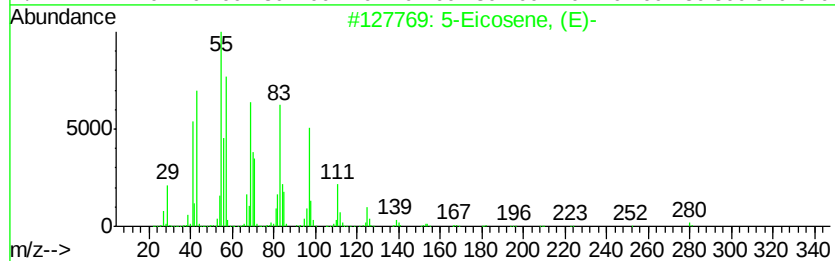
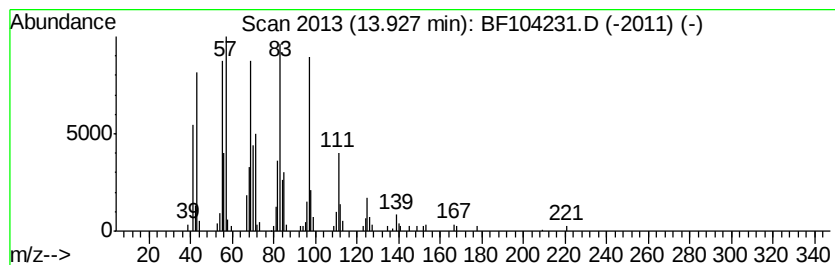
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Peak Number 6 5-Eicosene, (E)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.93	5.79 ng	293044	Chrysene-d12	14.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Eicosene, (E)-	280	C20H40	074685-30-6	99
2		n-Tetracosanol-1	354	C24H50O	000506-51-4	95
3		1-Heneicosanol	312	C21H44O	015594-90-8	95
4		n-Nonadecanol-1	284	C19H40O	001454-84-8	95
5		Behenic alcohol	326	C22H46O	000661-19-8	93



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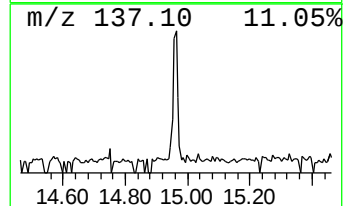
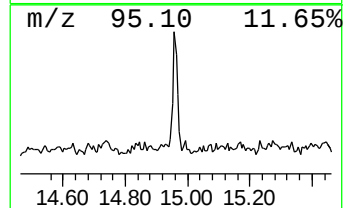
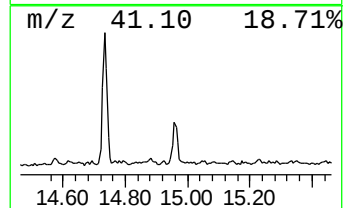
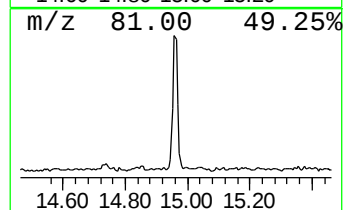
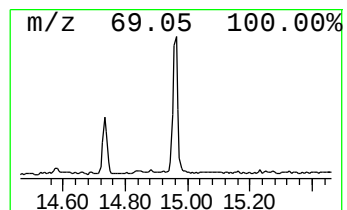
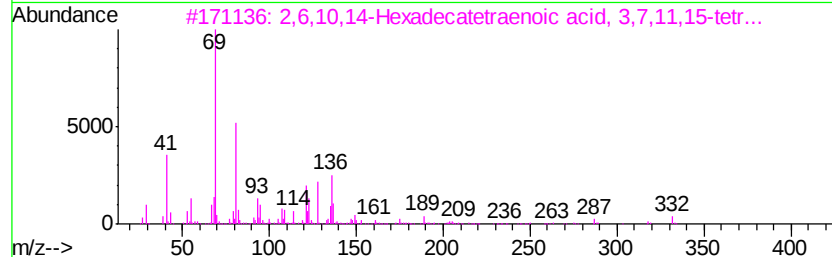
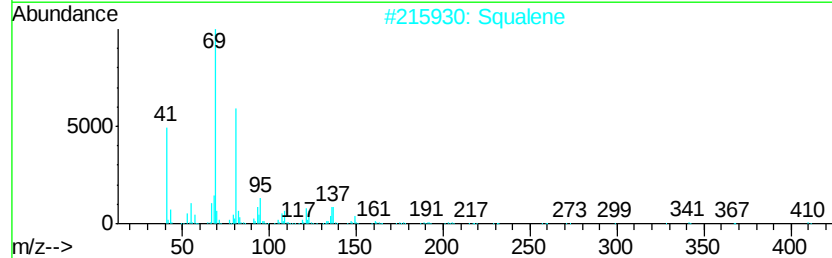
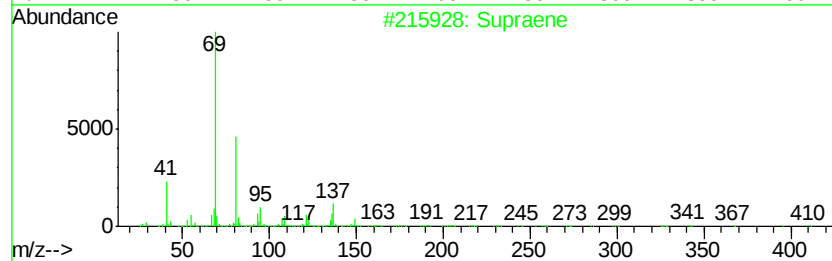
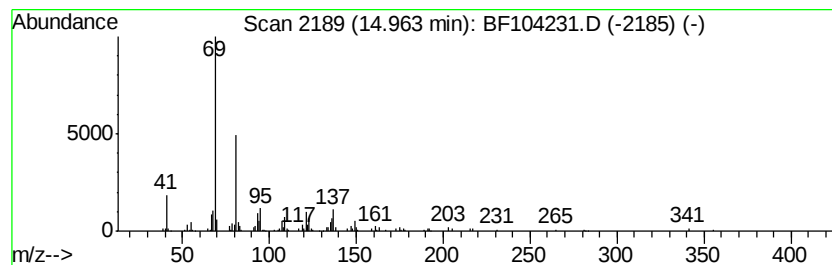
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Supraene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.96	4.69 ng	149664	Perylene-d12	15.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Supraene	410	C30H50	007683-64-9	91
2		Squalene	410	C30H50	000111-02-4	91
3		2,6,10,14-Hexadecatetraenoic aci...	332	C22H36O2	024035-35-6	72
4		7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	72
5		4,8,12-Tetradecatrienal, 5,9,13-...	248	C17H28O	066408-55-7	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040418\
Data File : BF104231.D
Acq On : 4 Apr 2018 17:55
Operator : JU/SJ
Sample : J2185-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LOWER-CONCRETE-SLAB-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032818.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...	2.29	5.2	ng	149973	1	6.96	572758	20.0
3-Hexen-2-one	4.60	4.7	ng	134697	1	6.96	572758	20.0
2-Pentanone, 4-hy...	5.19	33.7	ng	965249	1	6.96	572758	20.0
unknown6.73	6.73	40.3	ng	1154490	1	6.96	572758	20.0
5-Eicosene, (E)-	13.93	5.8	ng	293044	5	14.14	1012540	20.0
Supraene	14.96	4.7	ng	149664	6	15.67	638327	20.0