

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021418\
 Data File : BF102995.D
 Acq On : 14 Feb 2018 17:52
 Operator : SJ/JU
 Sample : J1539-14
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 4-15-TRENCH-2-SW-(2-4)

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	2.157	7	12	26	rVB	742748	1007668	29.94%	3.141%
2	5.110	510	514	527	rVB	102909	144298	4.29%	0.450%
3	5.498	575	580	583	rBV	3511733	3365434	100.00%	10.491%
4	6.504	746	751	757	rBV	3076573	3350691	99.56%	10.445%
5	6.645	771	775	778	rBV	3572730	3322874	98.74%	10.359%
6	6.704	782	785	789	rVB3	46905	44074	1.31%	0.137%
7	6.875	811	814	818	rBV	1231955	964375	28.66%	3.006%
8	7.033	837	841	844	rBV	2726868	2347738	69.76%	7.319%
9	7.439	905	910	913	rBV	2314619	2063094	61.30%	6.431%
10	8.133	1025	1028	1029	rBV	40259	34431	1.02%	0.107%
11	8.157	1029	1032	1035	rBV	1429972	1172166	34.83%	3.654%
12	8.569	1099	1102	1105	rBV	50920	42850	1.27%	0.134%
13	8.739	1128	1131	1135	rVB	64896	49155	1.46%	0.153%
14	8.869	1150	1153	1156	rBV	73115	57347	1.70%	0.179%
15	8.969	1166	1170	1173	rBV	67394	61174	1.82%	0.191%
16	9.233	1210	1215	1218	rBV	2687224	2473495	73.50%	7.711%
17	9.304	1223	1227	1230	rBV	118101	99244	2.95%	0.309%
18	9.498	1256	1260	1263	rBV2	38736	45764	1.36%	0.143%
19	9.569	1269	1272	1275	rBV2	66749	73240	2.18%	0.228%
20	9.622	1278	1281	1284	rVV	290439	234331	6.96%	0.730%
21	9.686	1288	1292	1294	rBV	50300	43611	1.30%	0.136%
22	9.833	1310	1317	1321	rBV	207736	181652	5.40%	0.566%
23	9.916	1327	1331	1334	rBV	1106947	1031323	30.64%	3.215%
24	10.016	1344	1348	1352	rVB5	21824	37855	1.12%	0.118%
25	10.069	1352	1357	1359	rBV5	29367	46315	1.38%	0.144%
26	10.116	1362	1365	1368	rVB2	56151	58307	1.73%	0.182%
27	10.151	1368	1371	1376	rBV2	51445	59146	1.76%	0.184%
28	10.310	1395	1398	1400	rBV2	57363	71562	2.13%	0.223%
29	10.333	1400	1402	1405	rVB	218400	154330	4.59%	0.481%
30	10.457	1420	1423	1430	rVB3	45682	64587	1.92%	0.201%
31	10.551	1435	1439	1442	rBV	58083	72245	2.15%	0.225%
32	10.616	1446	1450	1452	rBV3	28680	34409	1.02%	0.107%
33	10.704	1461	1465	1469	rBV	1279357	1232970	36.64%	3.844%
34	10.810	1480	1483	1492	rVB2	160610	256304	7.62%	0.799%

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Smoothing : ON

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Start Thrs: 0.2

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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

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35	11.133	1535	1538	1540	rBV4	28571	39982	1.19%	0.125%
36	11.204	1548	1550	1553	rBV	42436	37464	1.11%	0.117%
37	11.257	1555	1559	1561	rVV	128880	117279	3.48%	0.366%
38	11.286	1561	1564	1570	rVB3	62140	101367	3.01%	0.316%
39	11.398	1580	1583	1586	rBV	826374	831443	24.71%	2.592%
40	11.427	1586	1588	1592	rVV	366655	323034	9.60%	1.007%
41	11.474	1594	1596	1599	rVB	59736	48748	1.45%	0.152%
42	11.633	1620	1623	1626	rVB	54386	43912	1.30%	0.137%
43	11.680	1628	1631	1634	rVB	86823	66882	1.99%	0.208%
44	11.904	1666	1669	1670	rBV	54998	48883	1.45%	0.152%
45	11.927	1671	1673	1676	rVB	82430	80317	2.39%	0.250%
46	12.015	1684	1688	1690	rBV2	70175	77581	2.31%	0.242%
47	12.086	1697	1700	1703	rBV	80165	74172	2.20%	0.231%
48	12.198	1716	1719	1721	rBV	43594	37490	1.11%	0.117%
49	12.221	1721	1723	1725	rBV3	40336	36366	1.08%	0.113%
50	12.451	1759	1762	1764	rBV	59308	51888	1.54%	0.162%
51	12.480	1764	1767	1770	rVB3	63277	68058	2.02%	0.212%
52	12.539	1775	1777	1781	rVB3	44442	41996	1.25%	0.131%
53	12.615	1787	1790	1793	rBV	492242	402601	11.96%	1.255%
54	12.845	1826	1829	1832	rVV	413298	327884	9.74%	1.022%
55	12.898	1835	1838	1842	rVB2	67419	66684	1.98%	0.208%
56	12.986	1849	1853	1860	rVB	1655363	1619324	48.12%	5.048%
57	13.168	1882	1884	1887	rVB	72639	69768	2.07%	0.217%
58	13.204	1888	1890	1894	rBV2	47131	42873	1.27%	0.134%
59	13.274	1900	1902	1906	rVB2	99389	87134	2.59%	0.272%
60	13.368	1916	1918	1920	rVB	75971	52610	1.56%	0.164%
61	13.398	1921	1923	1925	rBV2	57002	47128	1.40%	0.147%
62	13.780	1985	1988	1989	rBV2	78796	79690	2.37%	0.248%
63	13.868	2000	2003	2011	rVB3	374799	442127	13.14%	1.378%
64	14.045	2028	2033	2035	rBV2	950931	1065234	31.65%	3.321%
65	14.068	2035	2037	2043	rVB	227634	200582	5.96%	0.625%
66	15.086	2207	2210	2213	rBV	180895	235589	7.00%	0.734%
67	15.456	2270	2273	2279	rVB	131832	169942	5.05%	0.530%
68	15.521	2280	2284	2292	rVB2	555922	744392	22.12%	2.321%

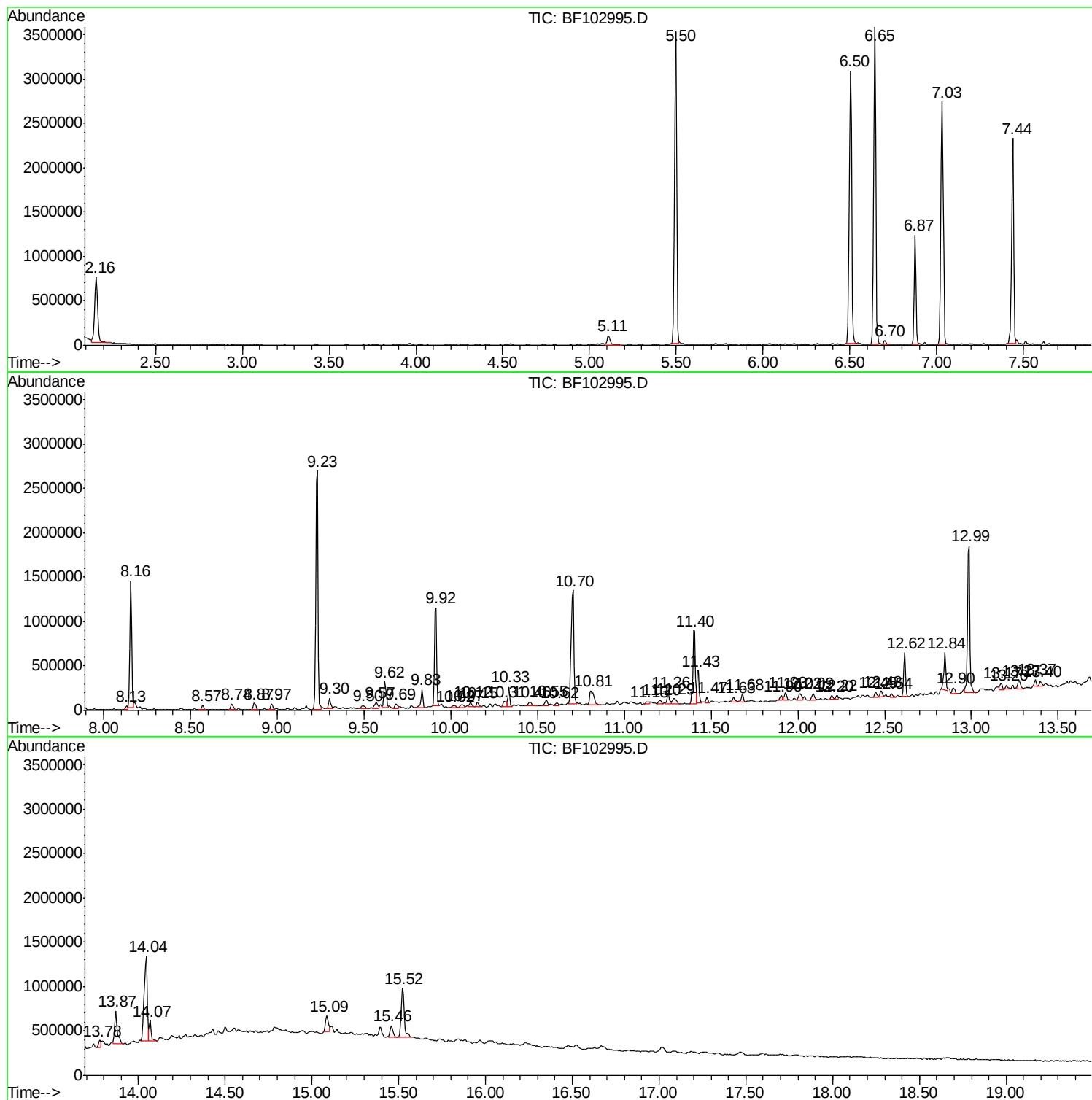
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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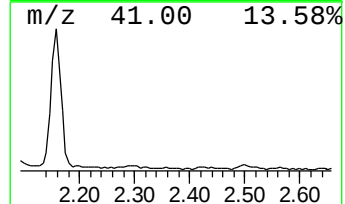
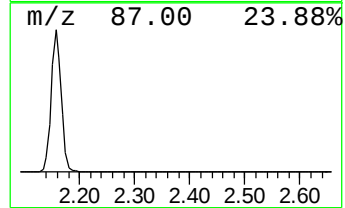
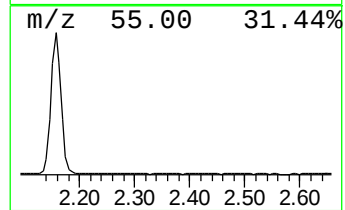
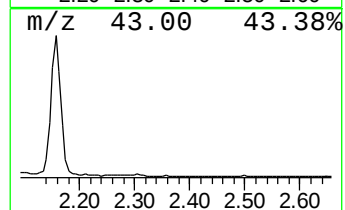
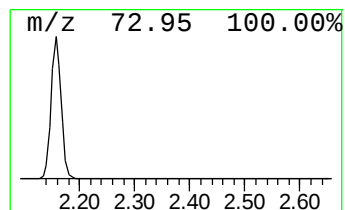
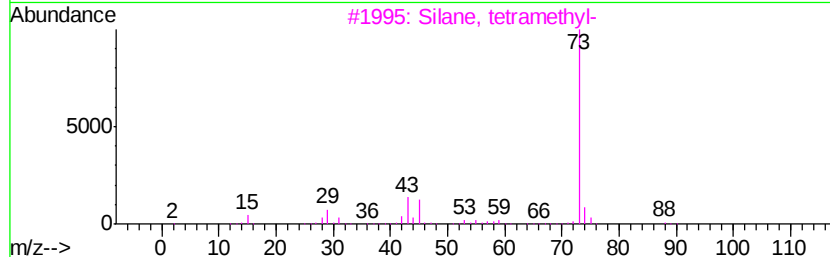
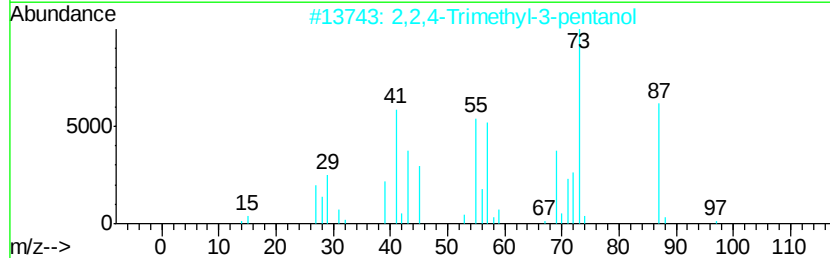
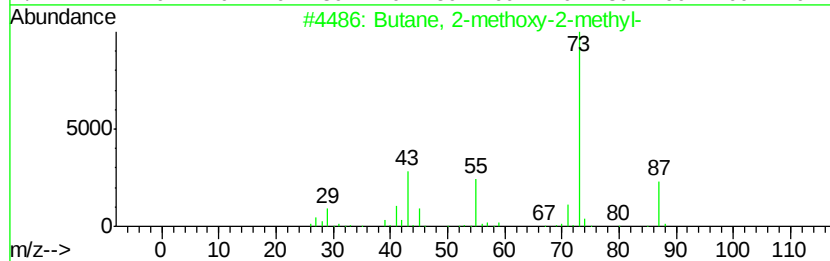
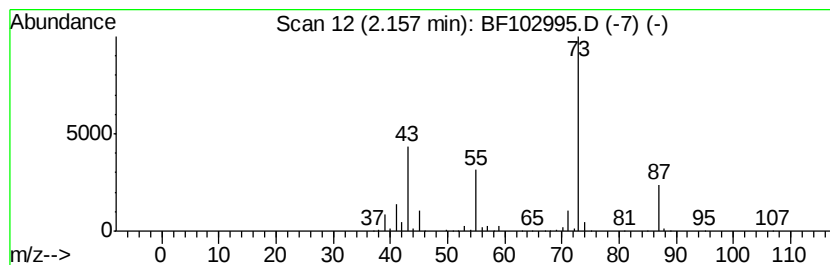
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.16	20.90 ng	1007670	1,4-Dichlorobenzene-d4	6.87

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			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			Silane, tetramethyl-	88	C4H12Si	000075-76-3	38
4			3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	37
5			1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23



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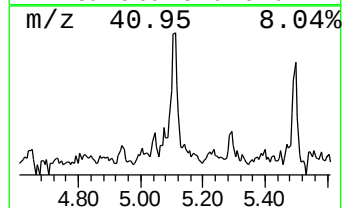
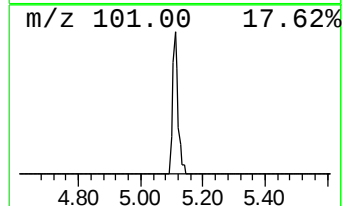
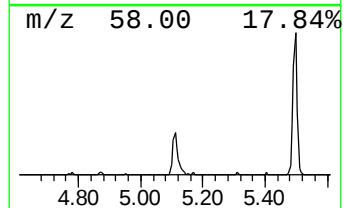
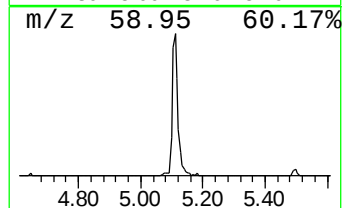
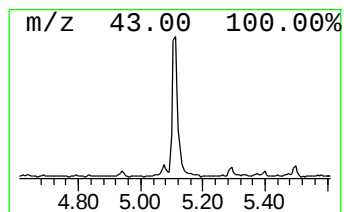
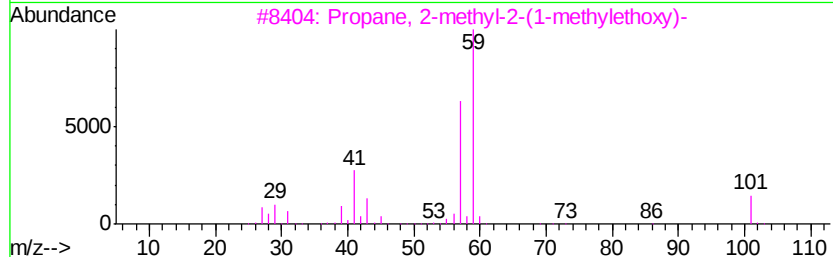
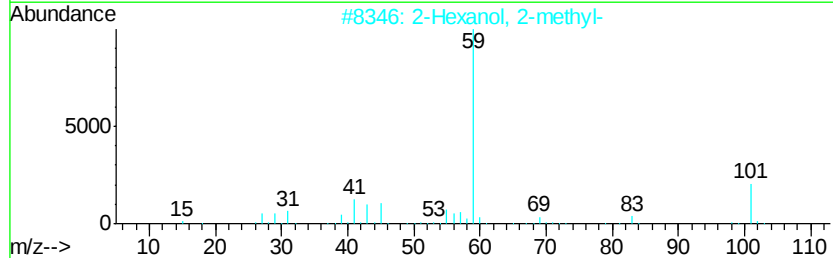
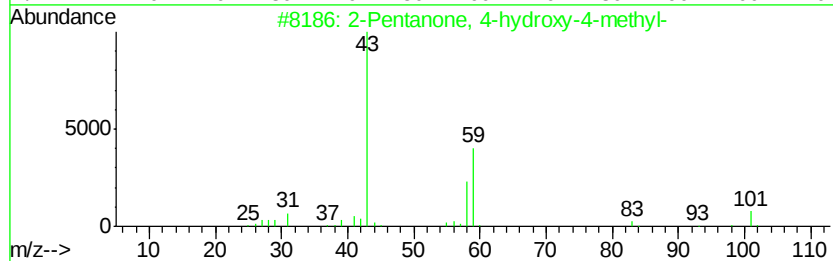
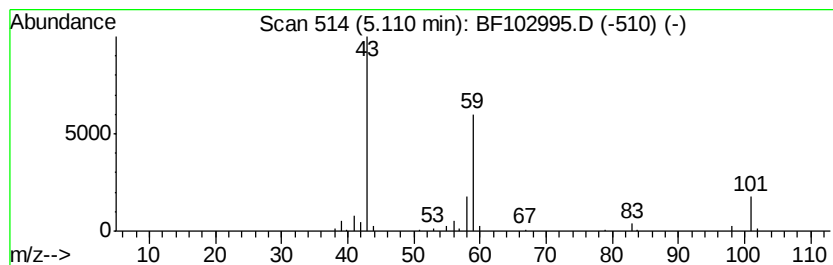
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.11	2.99 ng	144298	1,4-Dichlorobenzene-d4	6.87

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2			2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	40
3			Propane, 2-methyl-2-(1-methylethoxy)-	116	C7H16O	017348-59-3	40
4			3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
5			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16



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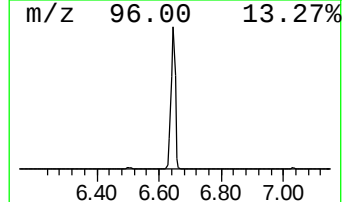
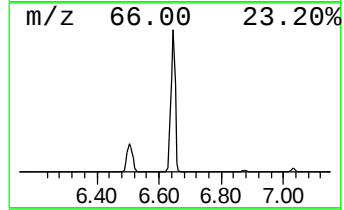
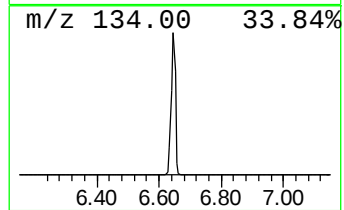
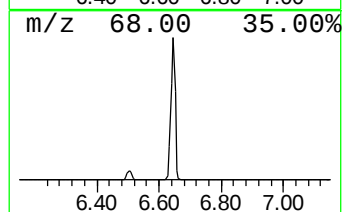
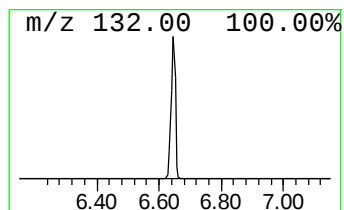
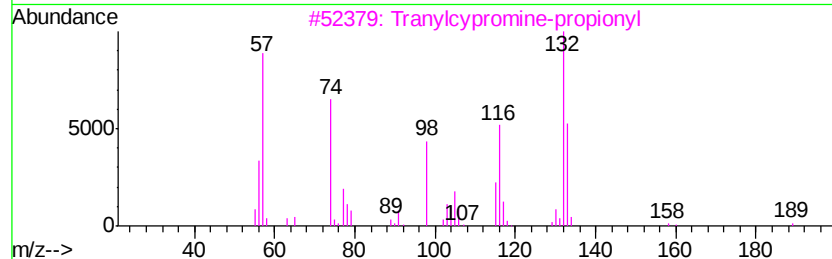
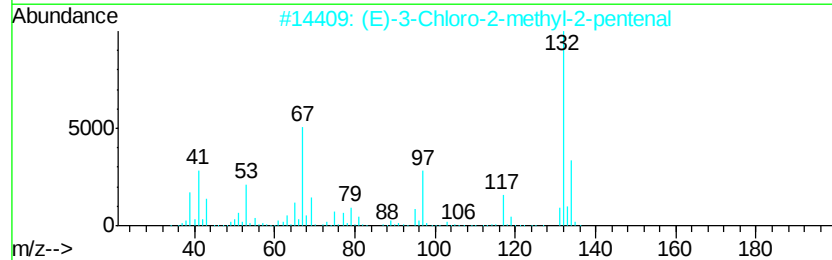
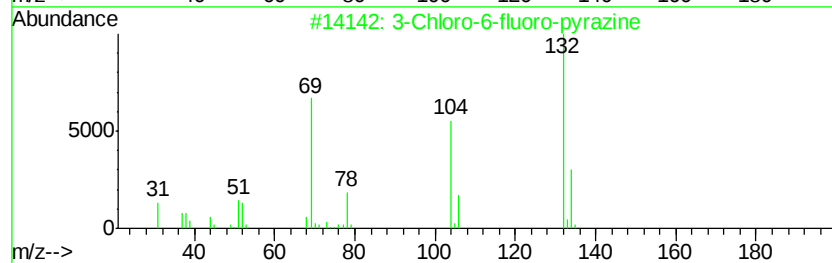
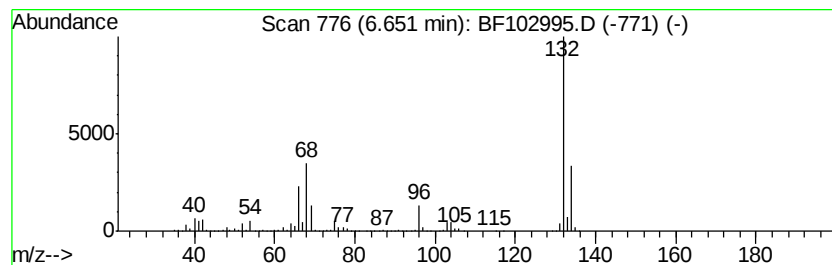
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown6.65 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	68.91 ng	3322870	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	27
3		Tranvlcyproline-propionyl	189	C12H15NO	1000123-86-3	10
4		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5		4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9



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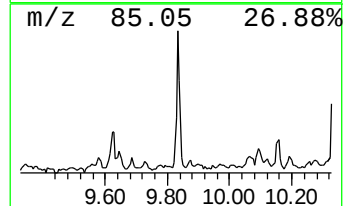
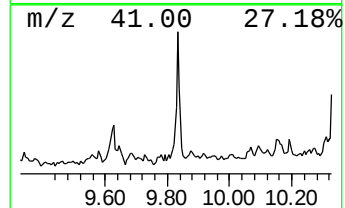
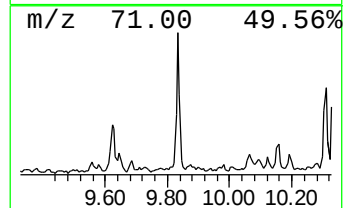
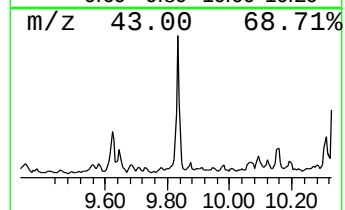
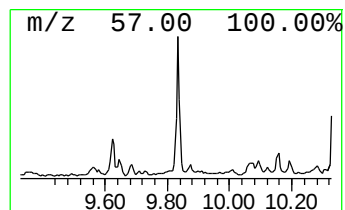
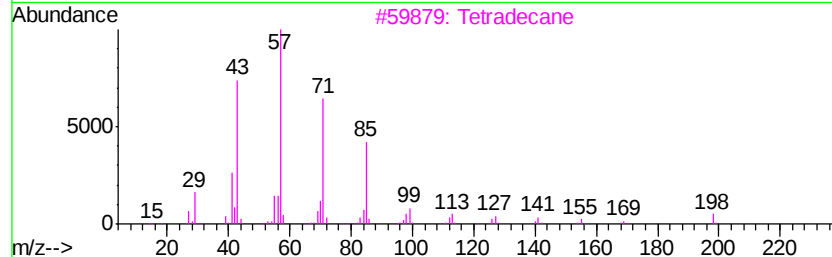
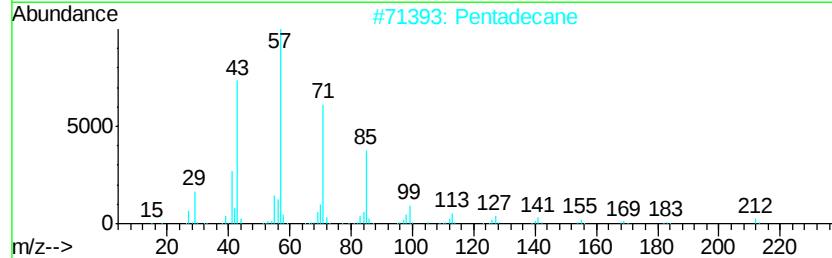
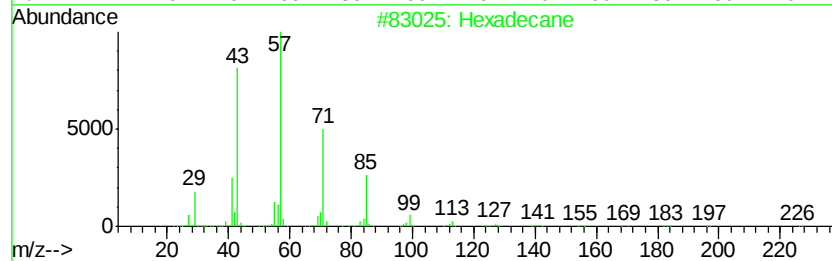
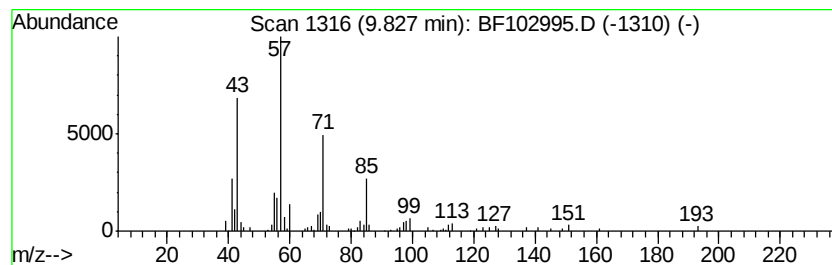
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Peak Number 5 Hexadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.83	3.52 ng	181652	Acenaphthene-d10	9.92

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	87
2		Pentadecane	212	C15H32	000629-62-9	86
3		Tetradecane	198	C14H30	000629-59-4	86
4		Tridecane, 4,8-dimethyl-	212	C15H32	055030-62-1	86
5		Dodecane	170	C12H26	000112-40-3	78



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021418\
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Acq On : 14 Feb 2018 17:52
Operator : SJ/JU
Sample : J1539-14
Misc :
ALS Vial : 20 Sample Multiplier: 1

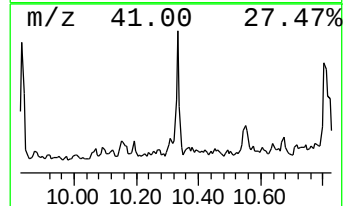
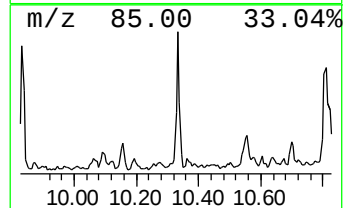
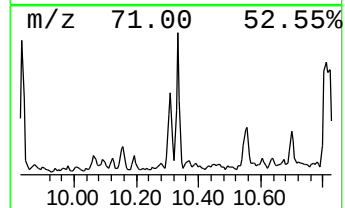
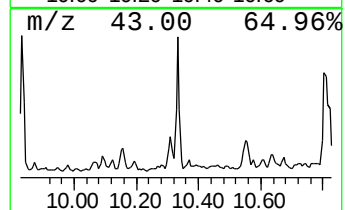
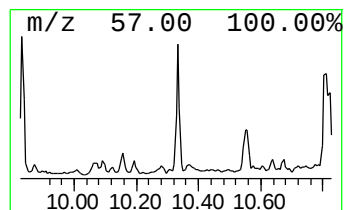
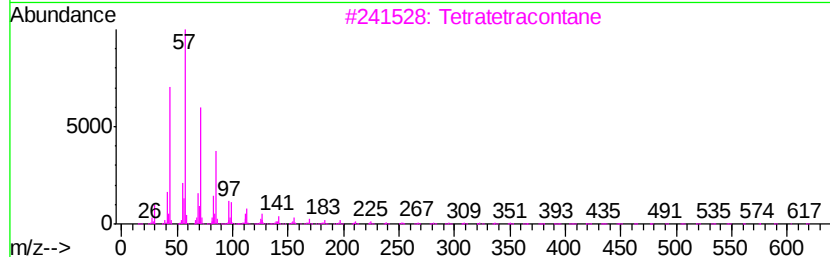
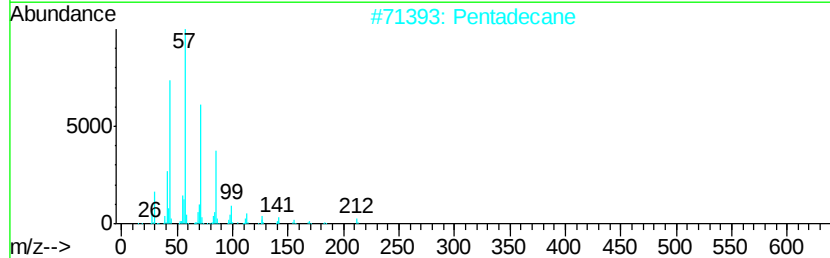
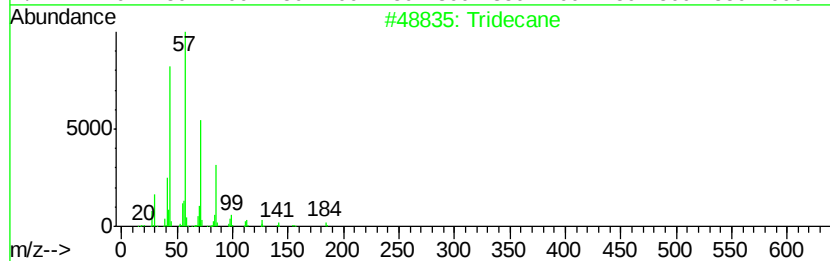
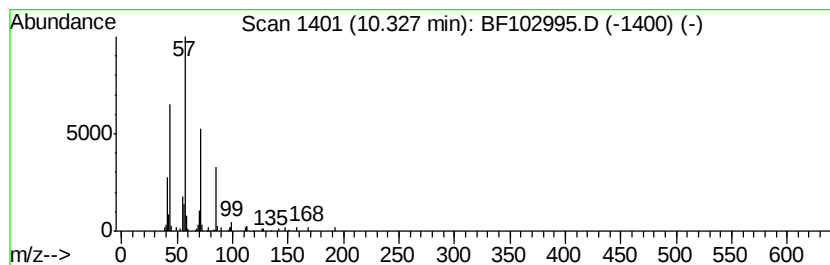
Instrument :
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ClientSampleId :
4-15-TRENCH-2-SW-(2-4)

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 6 Tridecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.33	2.99 ng	154330	Acenaphthene-d10	9.92
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Tridecane	184 C13H28	000629-50-5	90
2	Pentadecane	212 C15H32	000629-62-9	90
3	Tetratetracontane	619 C44H90	007098-22-8	90
4	Hexadecane	226 C16H34	000544-76-3	90
5	Tetradecane	198 C14H30	000629-59-4	86



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021418\
Data File : BF102995.D
Acq On : 14 Feb 2018 17:52
Operator : SJ/JU
Sample : J1539-14
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
4-15-TRENCH-2-SW-(2-4)

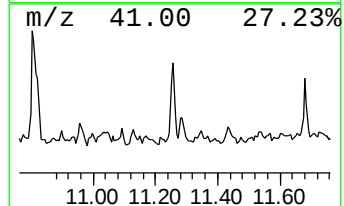
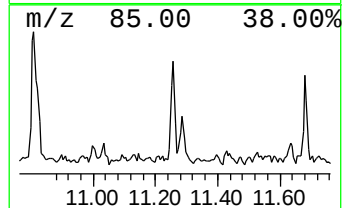
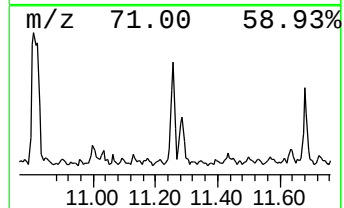
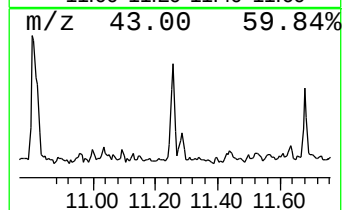
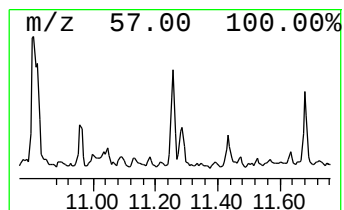
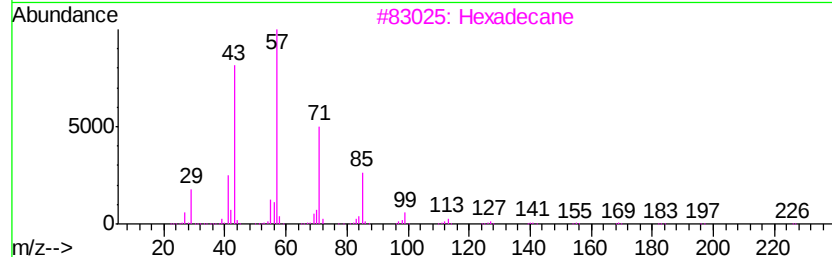
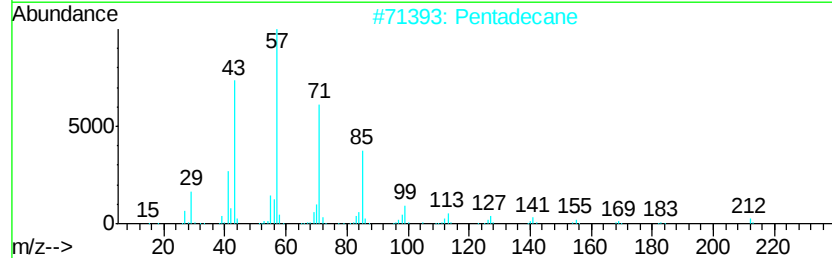
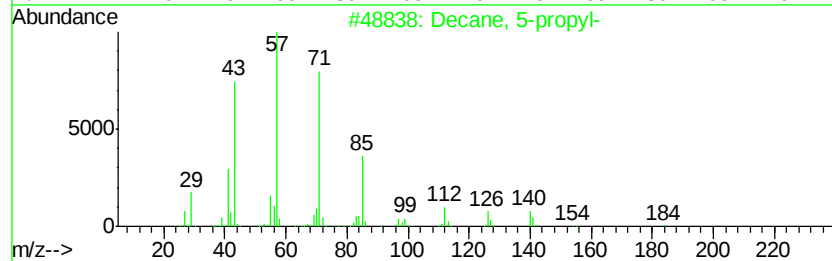
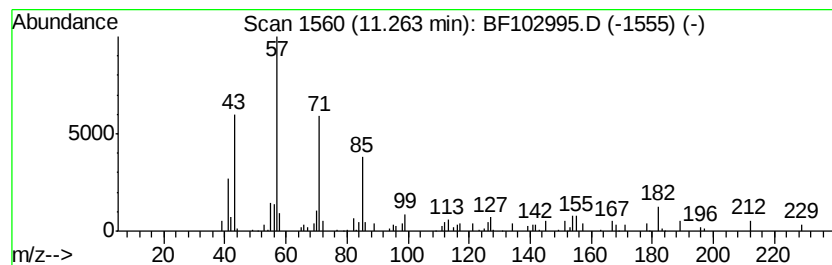
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Decane, 5-propyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.26	2.82 ng	117279	Phenanthrene-d10	11.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 5-propyl-	184	C13H28	017312-62-8	74
2		Pentadecane	212	C15H32	000629-62-9	74
3		Hexadecane	226	C16H34	000544-76-3	72
4		Tetracosane	338	C24H50	000646-31-1	72
5		Heptadecane	240	C17H36	000629-78-7	72



Data Path : Z:\HPCHEM1\BNA F\DATA\BF021418\
Data File : BF102995.D
Acq On : 14 Feb 2018 17:52
Operator : SJ/JU
Sample : J1539-14
Misc :
ALS Vial : 20 Sample Multiplier: 1

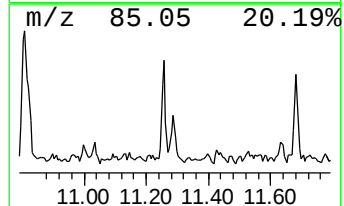
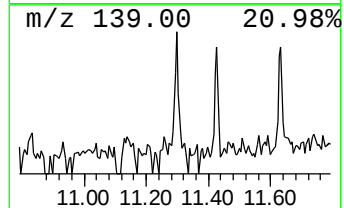
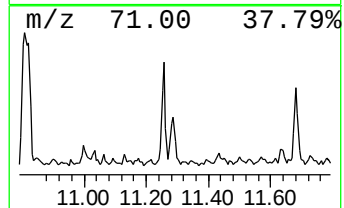
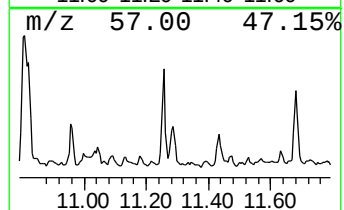
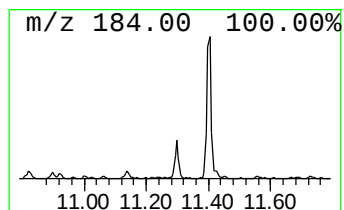
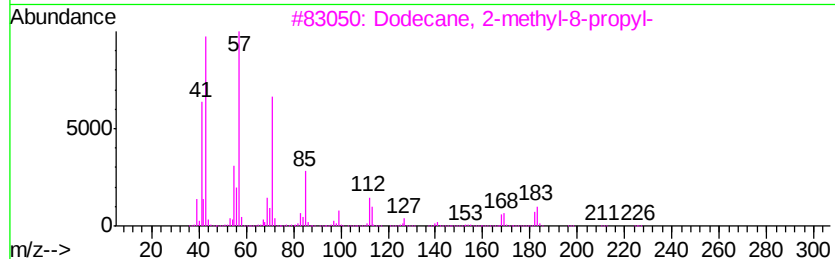
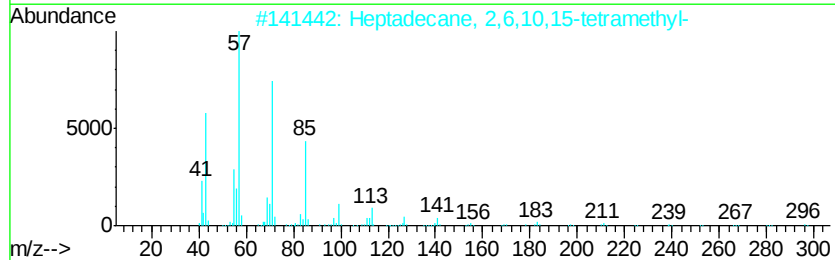
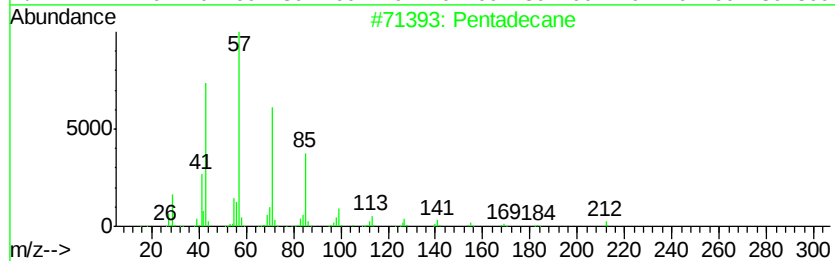
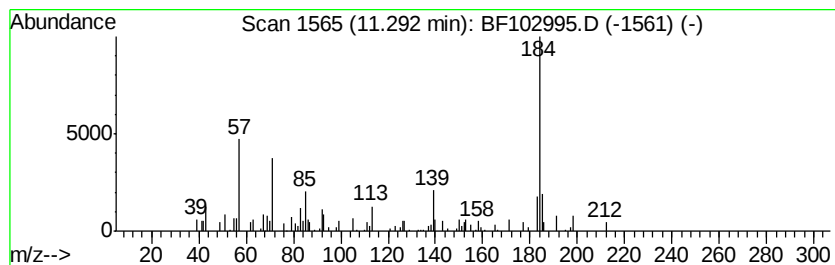
Instrument :
BNA_F
ClientSampleId :
4-15-TRENCH-2-SW-(2-4)

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 9 Pentadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.29	2.44 ng	101367	Phenanthrene-d10	11.40
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Pentadecane	212 C15H32	000629-62-9	81
2	Heptadecane, 2,6,10,15-tetramethyl-	296 C21H44	054833-48-6	72
3	Dodecane, 2-methyl-8-propyl-	226 C16H34	055045-07-3	72
4	Tetradecane	198 C14H30	000629-59-4	72
5	Hexacosane	366 C26H54	000630-01-3	72



Data Path : Z:\HPCHEM1\BNA F\DATA\BF021418\
Data File : BF102995.D
Acq On : 14 Feb 2018 17:52
Operator : SJ/JU
Sample : J1539-14
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
4-15-TRENCH-2-SW-(2-4)

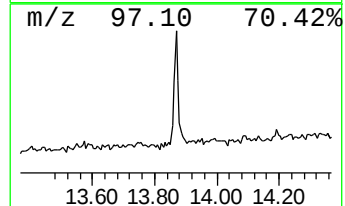
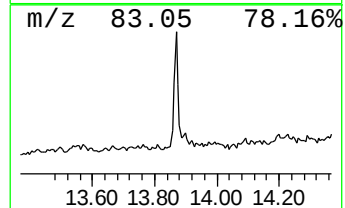
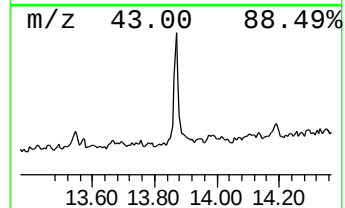
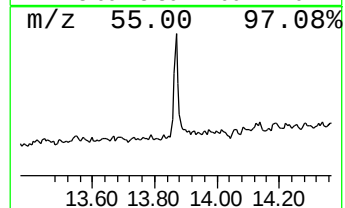
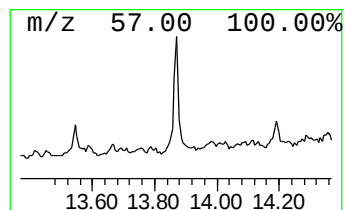
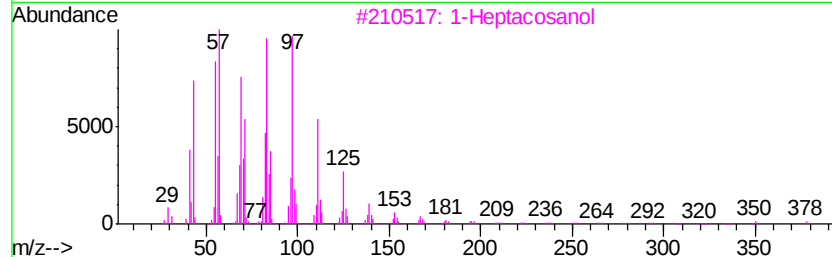
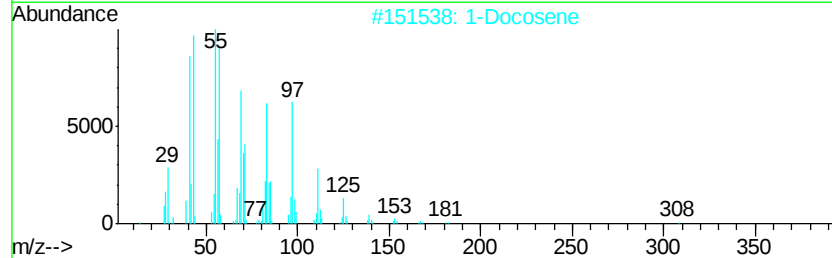
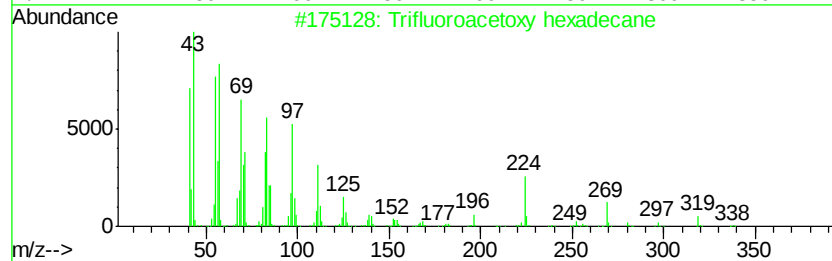
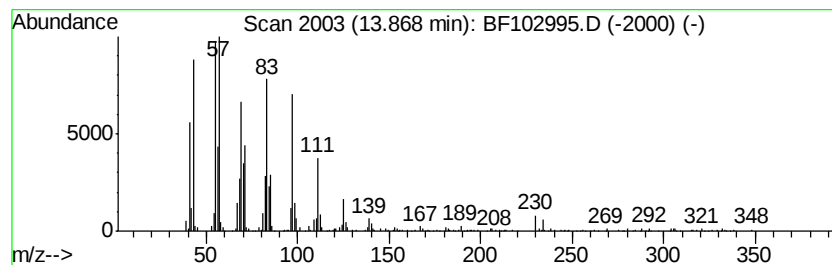
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Trifluoroacetoxy hexadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.87	8.30 ng	442127	Chrysene-d12	14.04

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94
2		1-Docosene	308	C22H44	001599-67-3	94
3		1-Heptacosanol	396	C27H56O	002004-39-9	91
4		Cyclotetracosane	336	C24H48	000297-03-0	91
5		Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021418\
Data File : BF102995.D
Acq On : 14 Feb 2018 17:52
Operator : SJ/JU
Sample : J1539-14
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
4-15-TRENCH-2-SW-(2-4)

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...	2.16	20.9	ng	1007670	1	6.87	964375	20.0
2-Pentanone, 4-hy...	5.11	3.0	ng	144298	1	6.87	964375	20.0
unknown6.65	6.65	68.9	ng	3322870	1	6.87	964375	20.0
Hexadecane	9.83	3.5	ng	181652	3	9.92	1031320	20.0
Tridecane	10.33	3.0	ng	154330	3	9.92	1031320	20.0
Decane, 5-propyl-	11.26	2.8	ng	117279	4	11.40	831443	20.0
Pentadecane	11.29	2.4	ng	101367	4	11.40	831443	20.0
Trifluoroacetoxy ...	13.87	8.3	ng	442127	5	14.04	1065230	20.0