

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101817\
 Data File : BF099643.D
 Acq On : 19 Oct 2017 3:14
 Operator : SJ/JU
 Sample : I5924-03
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BACKFILL-COMP-1

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-BF092317.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	5.051	500	504	515	rBV	181580	232059	16.14%	1.725%
2	5.457	570	573	588	rBV	1498547	1427042	99.23%	10.608%
3	6.469	741	745	758	rBV	1369591	1403538	97.60%	10.433%
4	6.604	764	768	771	rBV	1554230	1438046	100.00%	10.690%
5	6.651	773	776	780	rVB	32599	27151	1.89%	0.202%
6	6.828	803	806	812	rBV	563151	451894	31.42%	3.359%
7	6.981	829	832	836	rBV	1211255	1140284	79.29%	8.476%
8	7.392	898	902	905	rBV	923686	791463	55.04%	5.883%
9	8.080	1016	1019	1021	rBV	60013	44874	3.12%	0.334%
10	8.110	1021	1024	1030	rVB	648660	533455	37.10%	3.965%
11	8.686	1120	1122	1126	rVB	71732	53595	3.73%	0.398%
12	9.180	1202	1206	1209	rBV	1663128	1343582	93.43%	9.988%
13	9.251	1214	1218	1222	rVV	72142	55935	3.89%	0.416%
14	9.574	1268	1273	1280	rVB2	41084	47330	3.29%	0.352%
15	9.780	1305	1308	1312	rVB	74456	55559	3.86%	0.413%
16	9.863	1318	1322	1326	rBV	560163	460845	32.05%	3.426%
17	10.280	1386	1393	1396	rBV	71181	57131	3.97%	0.425%
18	10.651	1453	1456	1466	rBV	629243	602835	41.92%	4.481%
19	10.751	1470	1473	1478	rBV	64217	60048	4.18%	0.446%
20	11.198	1546	1549	1552	rBV	48847	38888	2.70%	0.289%
21	11.351	1571	1575	1579	rBV	521229	427308	29.71%	3.176%
22	11.627	1619	1622	1625	rBV	48158	39121	2.72%	0.291%
23	12.033	1688	1691	1694	rVB	44819	33088	2.30%	0.246%
24	12.421	1755	1757	1761	rVB	46276	34078	2.37%	0.253%
25	12.792	1817	1820	1822	rBV	46978	33404	2.32%	0.248%
26	12.933	1840	1844	1847	rBV	1353716	1183776	82.32%	8.800%
27	13.145	1874	1880	1883	rBV	46598	46385	3.23%	0.345%
28	13.486	1934	1938	1941	rBV	43375	40238	2.80%	0.299%
29	13.815	1990	1994	2004	rBV	145947	191462	13.31%	1.423%
30	13.992	2021	2024	2028	rBV	585200	511128	35.54%	3.799%
31	14.133	2045	2048	2051	rBV	38309	29099	2.02%	0.216%
32	14.439	2097	2100	2104	rBV	34627	37383	2.60%	0.278%
33	14.739	2147	2151	2155	rVB3	38331	44499	3.09%	0.331%
34	15.068	2204	2207	2212	rBV2	31289	39972	2.78%	0.297%

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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	15.456	2267	2273	2279	rBV	317098	428633	29.81%	3.186%
36	15.862	2339	2342	2347	rVB	24039	34825	2.42%	0.259%
37	16.356	2422	2426	2431	rBV	20250	32640	2.27%	0.243%

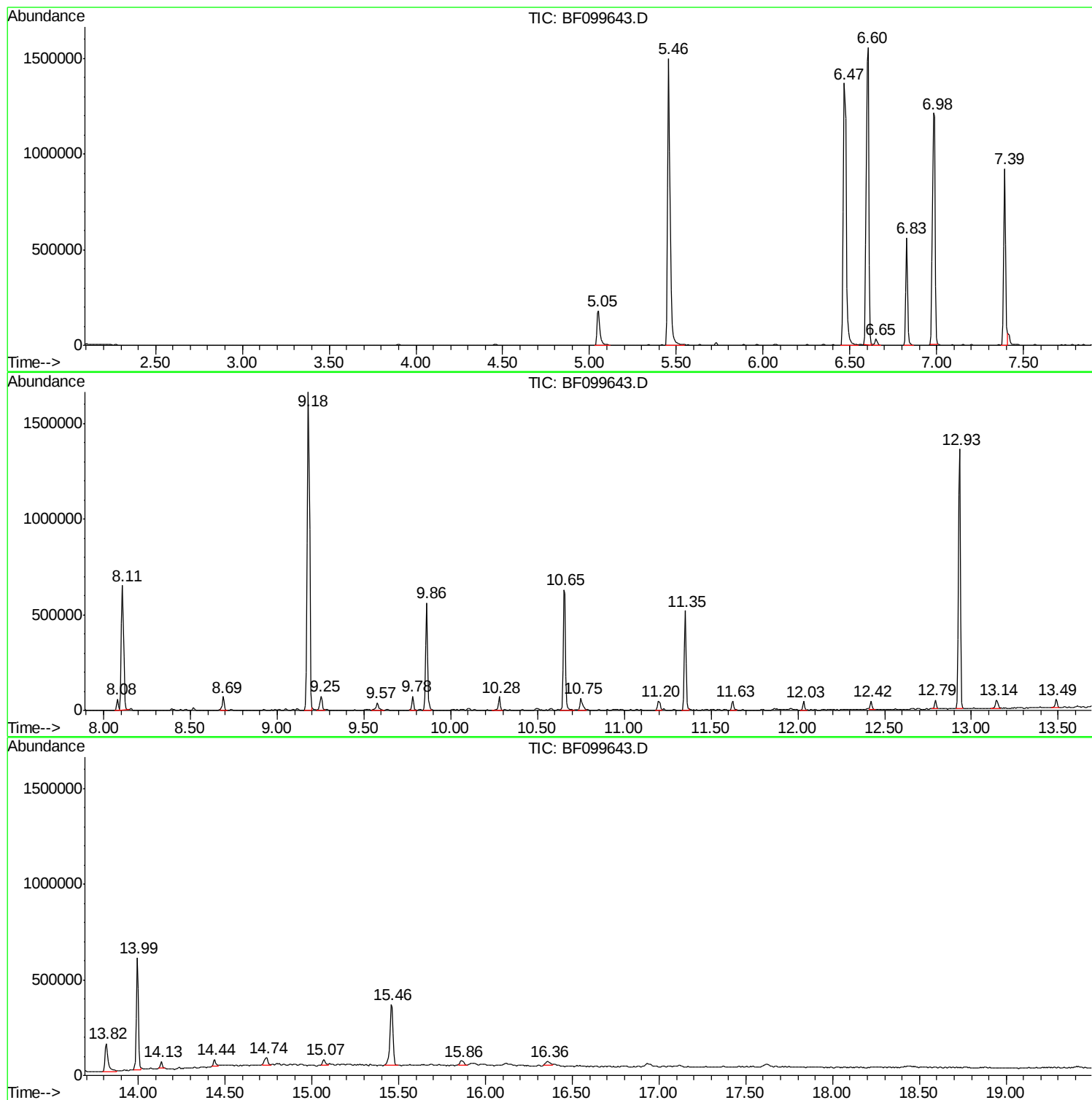
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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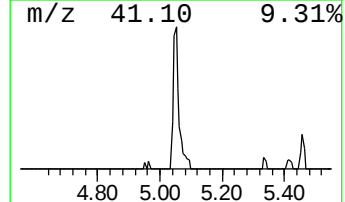
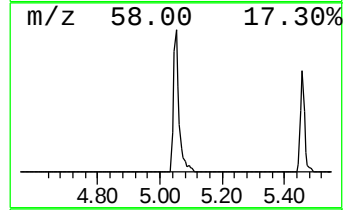
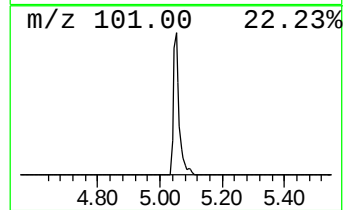
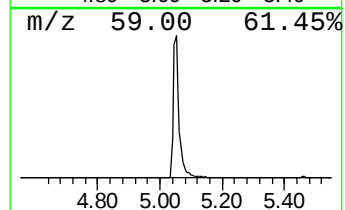
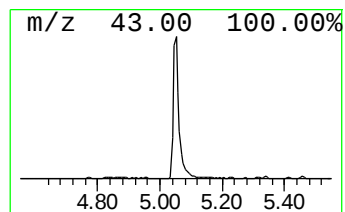
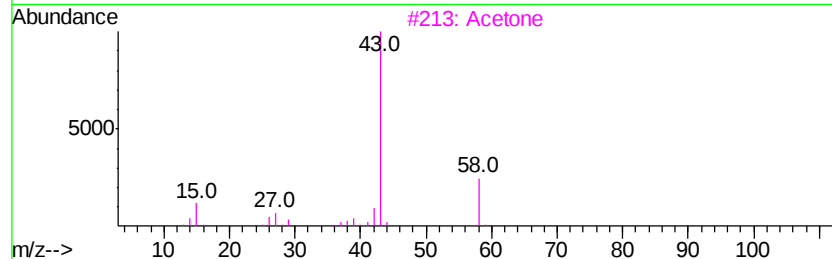
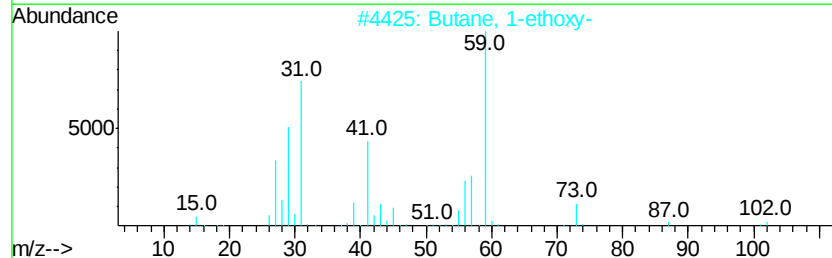
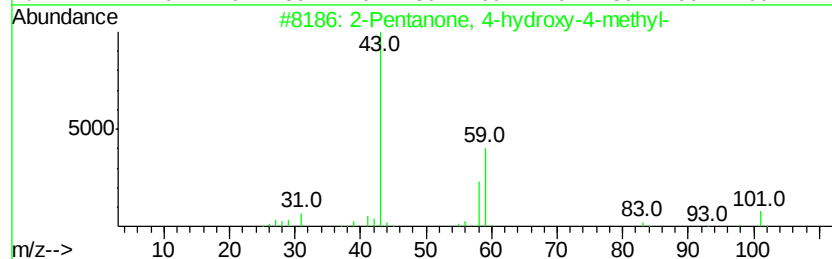
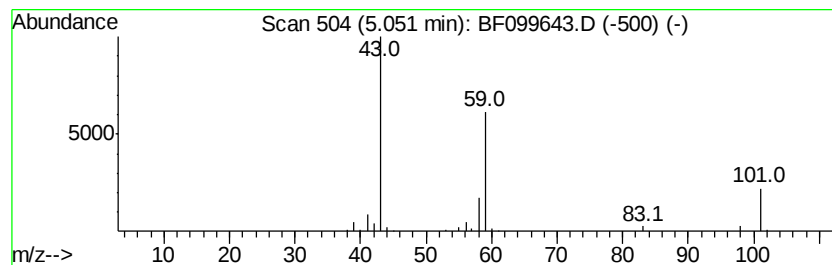
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.05	10.27 ng	232059	1,4-Dichlorobenzene-d4	6.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2		Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
3		Acetone	58	C3H6O	000067-64-1	9
4		Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5		5-Hexen-2-one	98	C6H10O	000109-49-9	9



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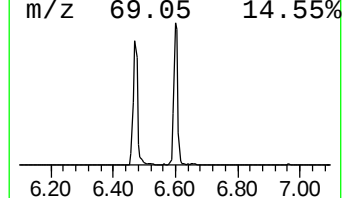
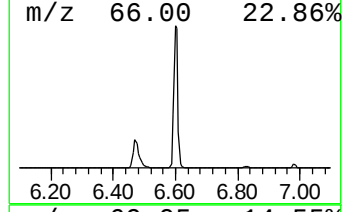
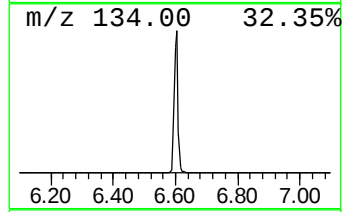
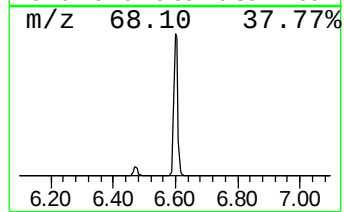
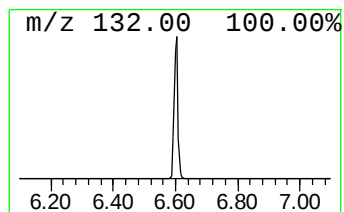
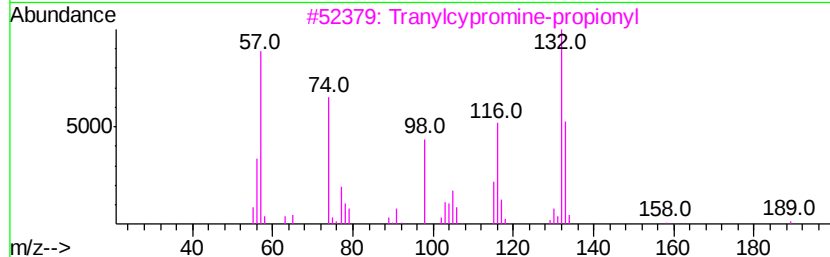
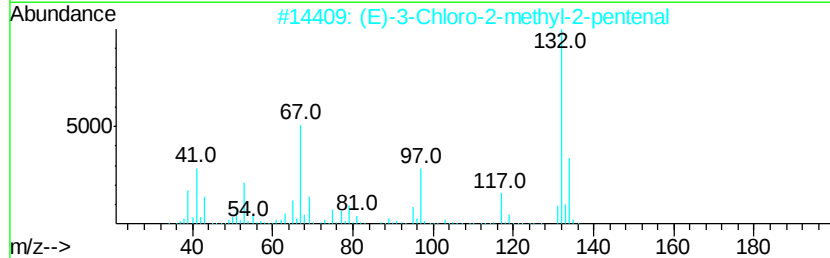
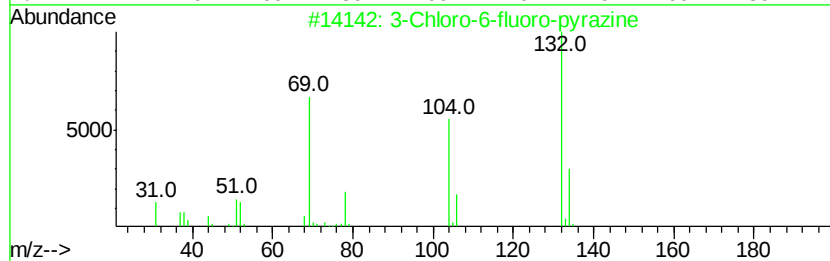
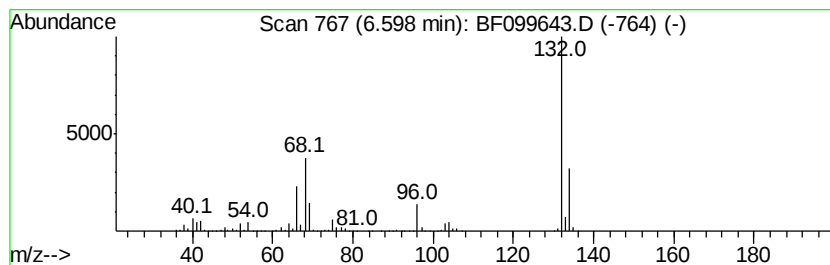
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 unknown6.60 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.60	63.65 ng	1438050	1,4-Dichlorobenzene-d4	6.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	12
4		4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
5		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9



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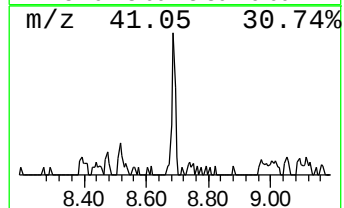
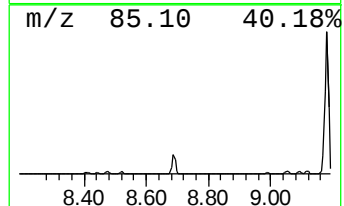
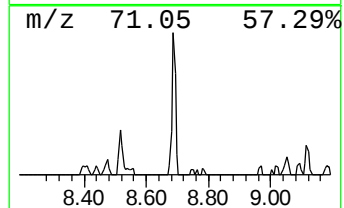
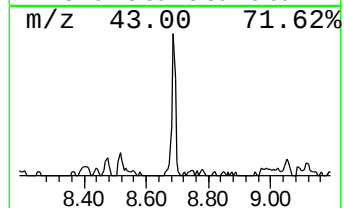
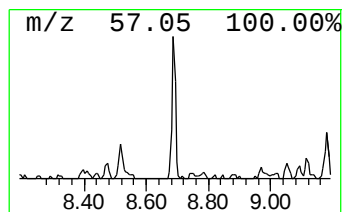
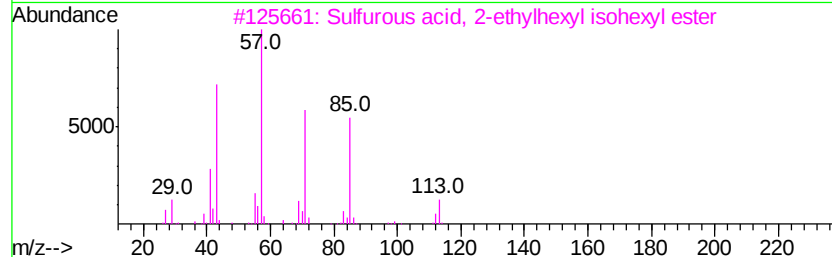
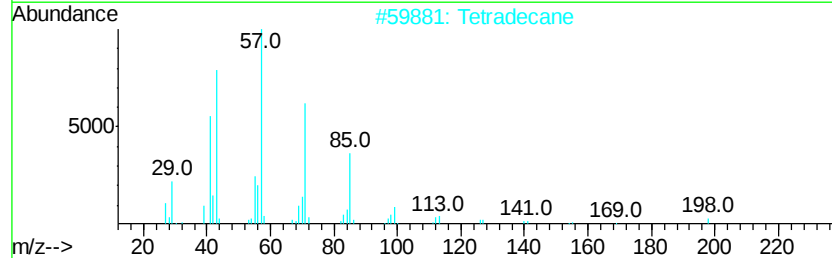
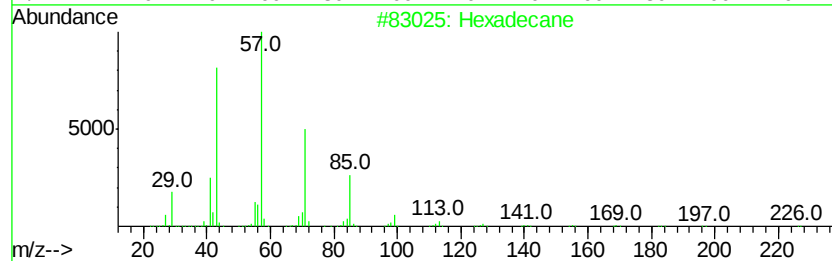
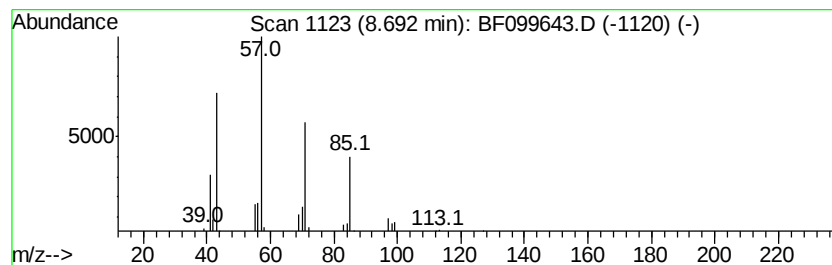
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Hexadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
8.69	2.01 ng	53595	Naphthalene-d8	8.11	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	Tetradecane	198	C14H30	000629-59-4	72
3	Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	64
4	Tridecane	184	C13H28	000629-50-5	59
5	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	59



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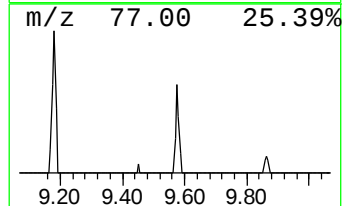
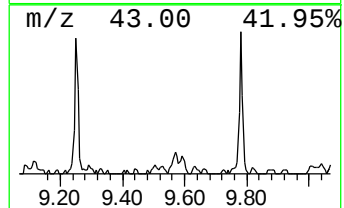
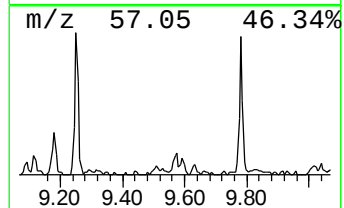
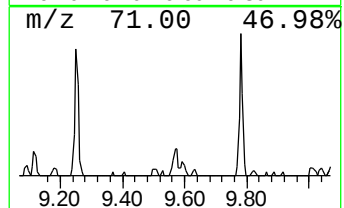
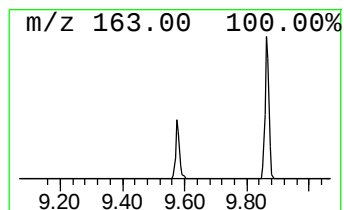
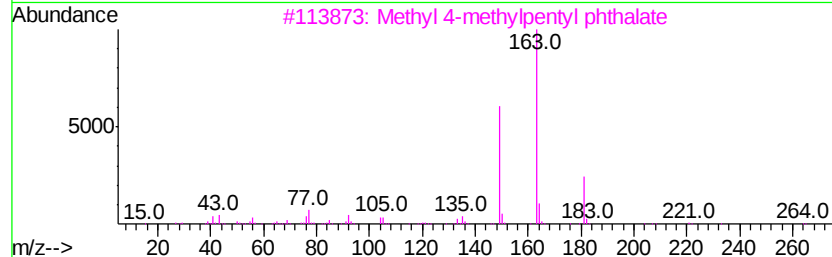
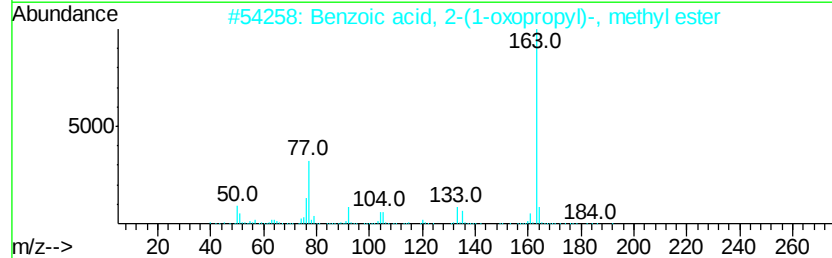
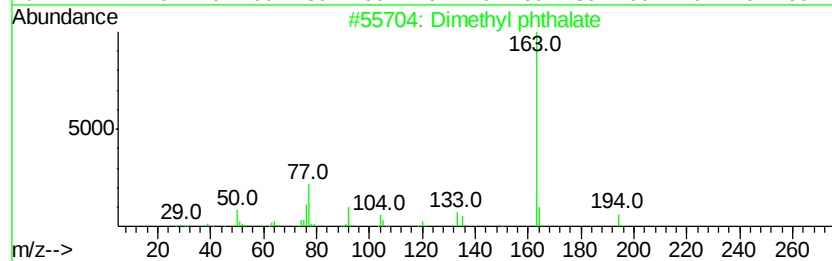
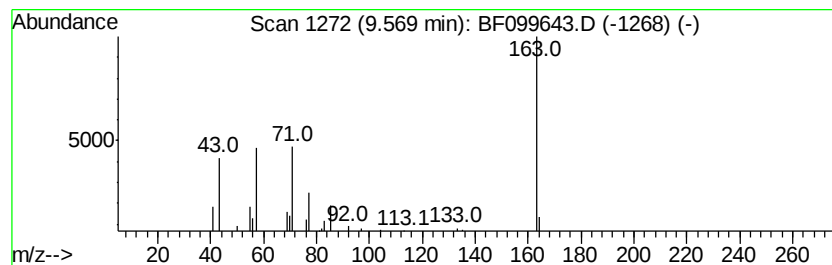
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Dimethyl phthalate Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.57	2.05 ng	47330	Acenaphthene-d10	9.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dimethyl phthalate	194	C10H10O4	000131-11-3	91
2		Benzoic acid, 2-(1-oxopropyl)-, ...	192	C11H12O3	032025-37-9	78
3		Methyl 4-methylpentyl phthalate	264	C15H20O4	1000373-82-6	78
4		Heptyl methyl phthalate	278	C16H22O4	1000373-88-4	72
5		Hexyl methyl phthalate	264	C15H20O4	1000373-89-7	72



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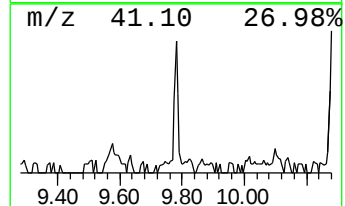
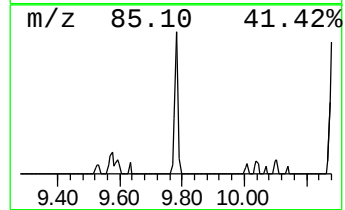
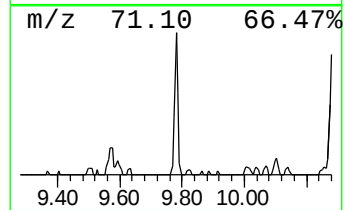
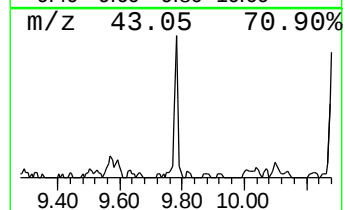
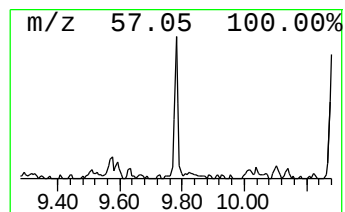
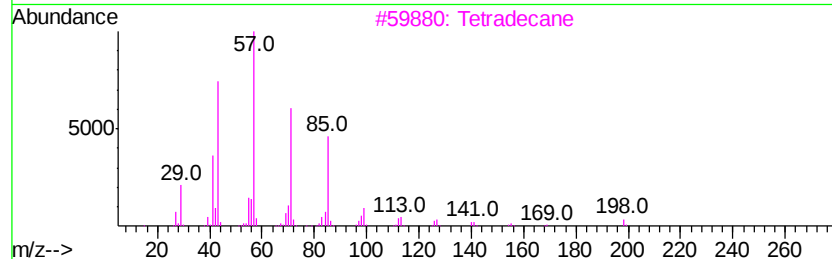
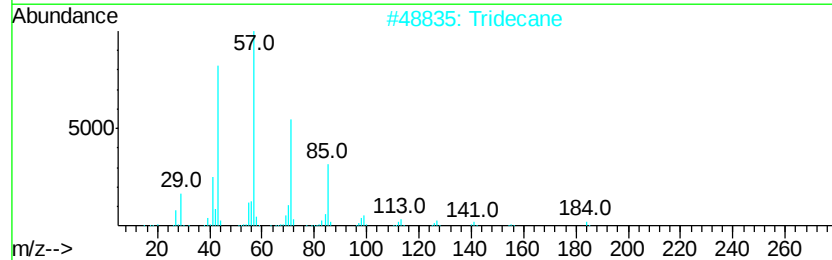
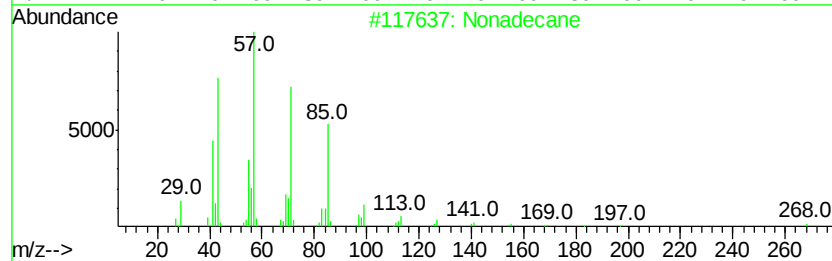
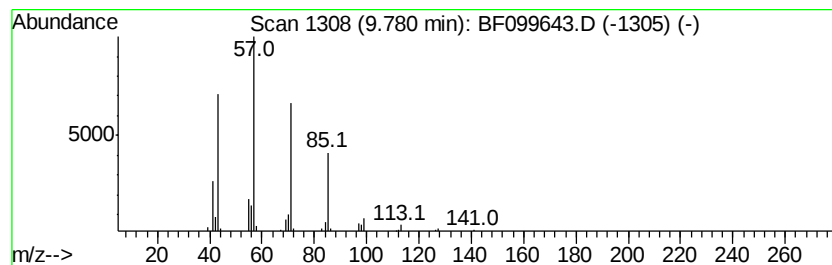
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 7 Nonadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.78	2.41 ng	55559	Acenaphthene-d10	9.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	86
2		Tridecane	184	C13H28	000629-50-5	80
3		Tetradecane	198	C14H30	000629-59-4	78
4		Pentadecane	212	C15H32	000629-62-9	72
5		Dodecane, 2-methyl-	184	C13H28	001560-97-0	72



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ALS Vial : 26 Sample Multiplier: 1

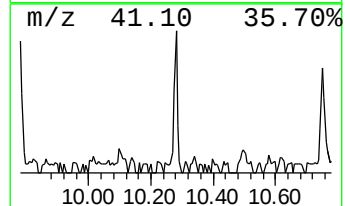
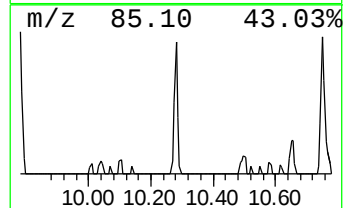
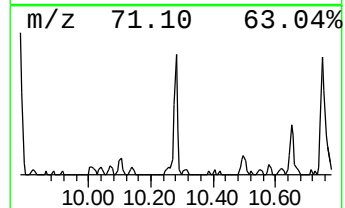
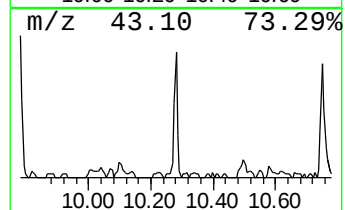
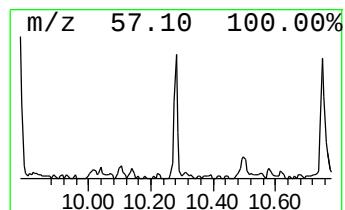
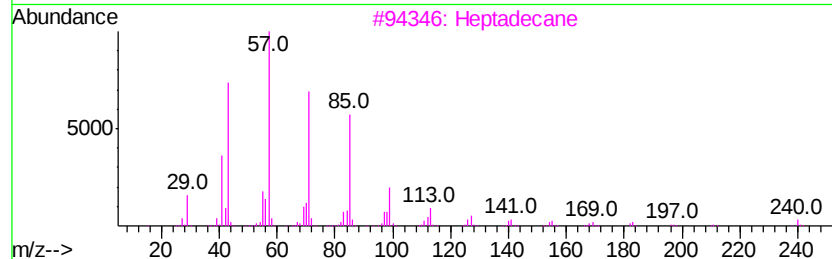
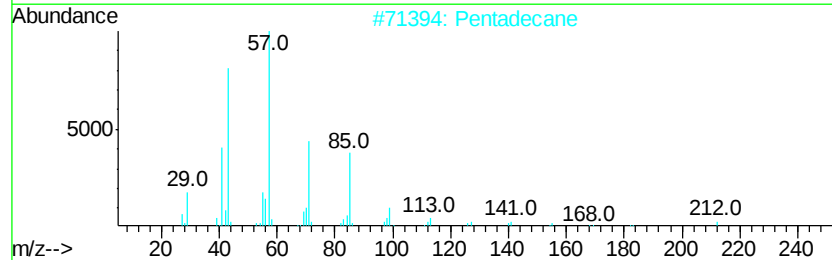
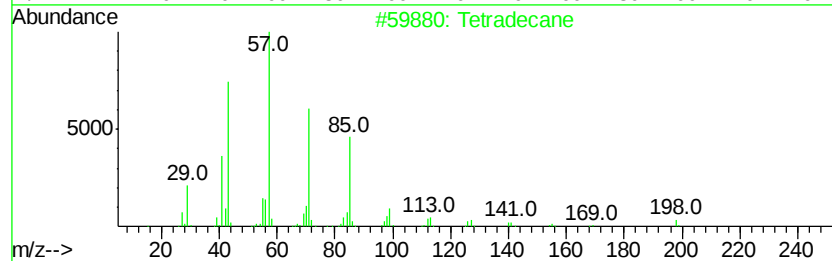
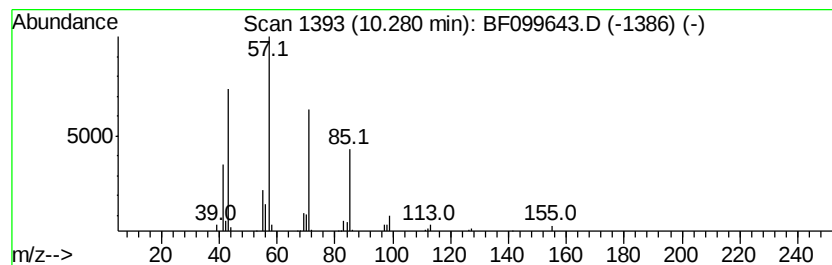
Instrument :
BNA_F
ClientSampleId :
BACKFILL-COMP-1

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Tetradecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD		R.T.
10.28	2.48 ng	57131	Acenaphthene-d10		9.86
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	90
2	Pentadecane	212	C15H32	000629-62-9	90
3	Heptadecane	240	C17H36	000629-78-7	90
4	Nonadecane	268	C19H40	000629-92-5	87
5	Heneicosane	296	C21H44	000629-94-7	83



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101817\
Data File : BF099643.D
Acq On : 19 Oct 2017 3:14
Operator : SJ/JU
Sample : I5924-03
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BACKFILL-COMP-1

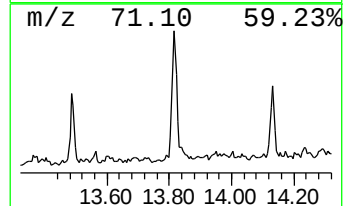
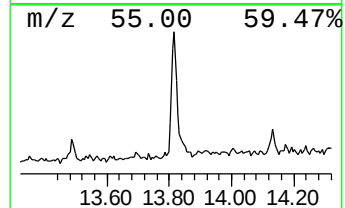
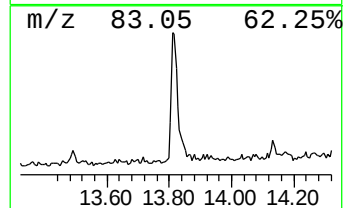
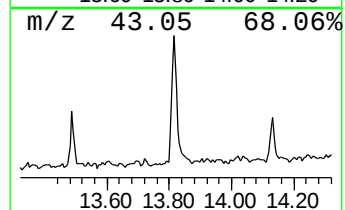
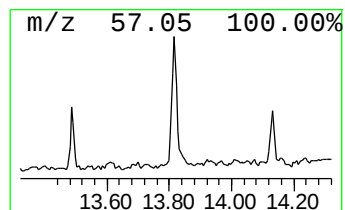
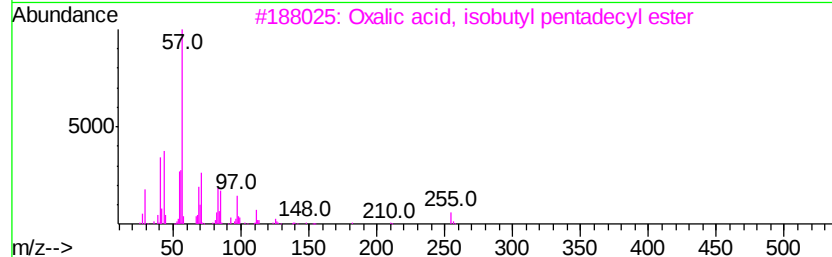
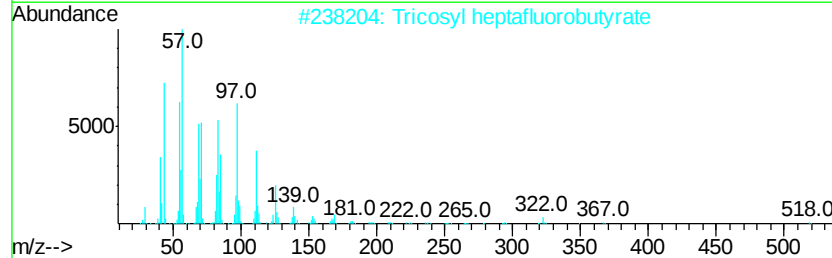
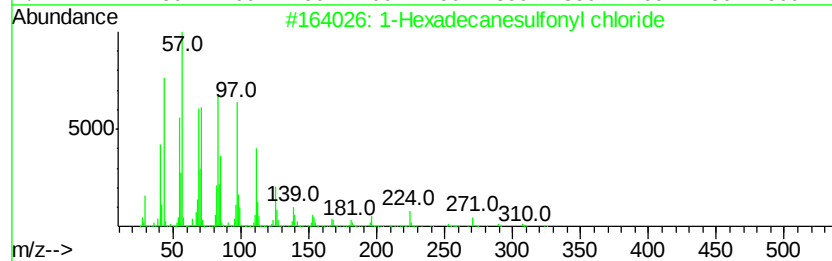
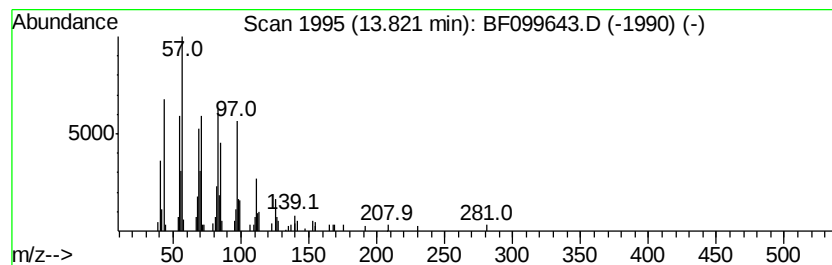
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 1-Hexadecanesulfonyl chloride Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.82	7.49 ng	191462	Chrysene-d12	13.99

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Hexadecanesulfonyl chloride	324	C16H33ClO2S	038775-38-1	91
2			Tricosyl heptafluorobutyrate	536	C27H47F7O2	1000351-83-4	91
3			Oxalic acid, isobutyl pentadecyl...	356	C21H40O4	1000309-38-0	90
4			Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	90
5			Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	81



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101817\
Data File : BF099643.D
Acq On : 19 Oct 2017 3:14
Operator : SJ/JU
Sample : I5924-03
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BACKFILL-COMP-1

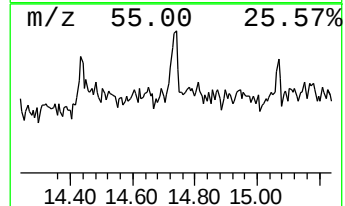
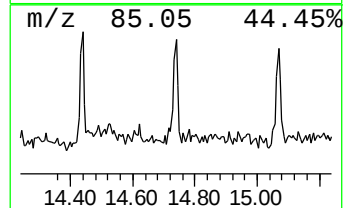
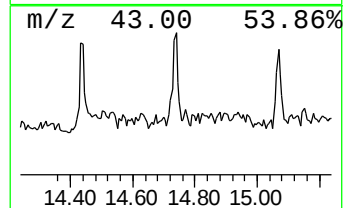
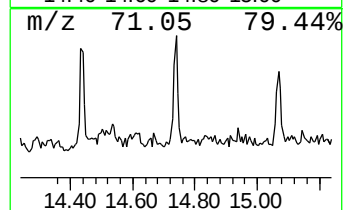
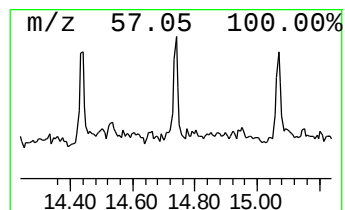
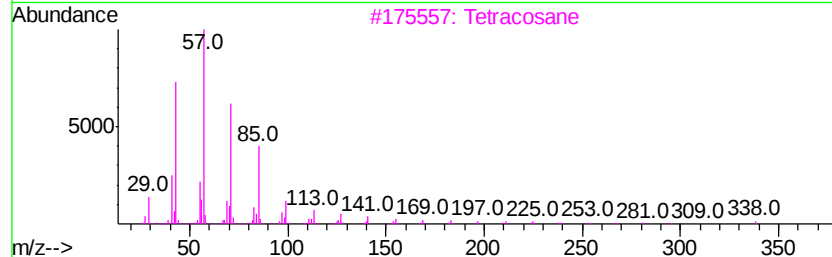
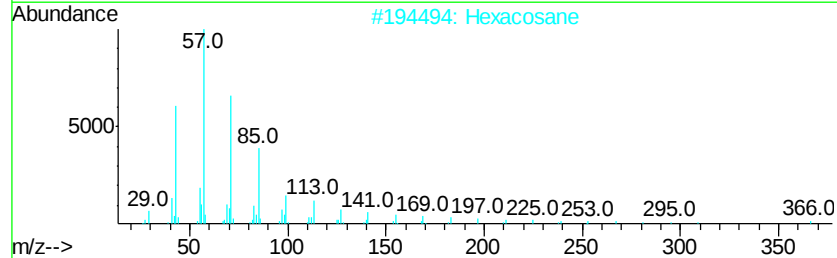
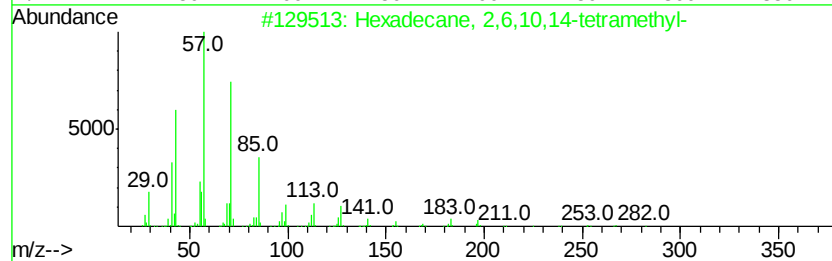
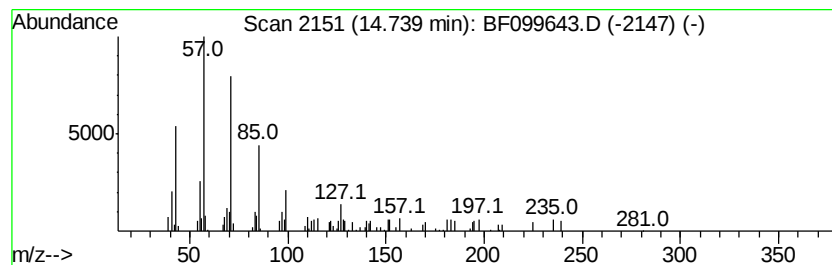
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Hexadecane, 2,6,10,14-tetra... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.74	2.08 ng	44499	Perylene-d12	15.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	80
2		Hexacosane	366	C26H54	000630-01-3	78
3		Tetracosane	338	C24H50	000646-31-1	64
4		Heneicosane	296	C21H44	000629-94-7	64
5		Heptadecane, 8-methyl-	254	C18H38	013287-23-5	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101817\
Data File : BF099643.D
Acq On : 19 Oct 2017 3:14
Operator : SJ/JU
Sample : I5924-03
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BACKFILL-COMP-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.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
2-Pentanone, 4-hy...	5.05	10.3	ng	232059	1	6.83	451894	20.0
unknown6.60	6.60	63.6	ng	1438050	1	6.83	451894	20.0
Hexadecane	8.69	2.0	ng	53595	2	8.11	533455	20.0
Dimethyl phthalate	9.57	2.0	ng	47330	3	9.86	460845	20.0
Nonadecane	9.78	2.4	ng	55559	3	9.86	460845	20.0
Tetradecane	10.28	2.5	ng	57131	3	9.86	460845	20.0
1-Hexadecanesulfo...	13.82	7.5	ng	191462	5	13.99	511128	20.0
Hexadecane, 2,6,1...	14.74	2.1	ng	44499	6	15.46	428633	20.0