

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF020719\
 Data File : BF112433.D
 Acq On : 7 Feb 2019 12:37
 Operator : JU/SJ
 Sample : K1385-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 98-SB-01-2-4

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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.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	2.122	3	6	24	rVB	137376	272733	5.88%	0.526%
2	5.057	500	505	512	rBV	107620	152276	3.28%	0.294%
3	5.469	571	575	598	rBV	3057786	3056352	65.85%	5.898%
4	6.481	743	747	765	rBV	3206219	3416849	73.62%	6.594%
5	6.610	765	769	772	rBV	3887306	3397247	73.20%	6.556%
6	6.828	803	806	815	rBV	920757	833079	17.95%	1.608%
7	6.987	829	833	837	rBV	3054457	2672263	57.58%	5.157%
8	7.393	898	902	912	rBV	2020042	2107067	45.40%	4.066%
9	8.110	1018	1024	1033	rBV	1177389	1127597	24.30%	2.176%
10	9.187	1202	1207	1210	rBV	4464509	4021658	86.65%	7.761%
11	9.581	1270	1274	1278	rBV	287620	238614	5.14%	0.460%
12	9.869	1319	1323	1327	rBV	1468755	1302166	28.06%	2.513%
13	10.075	1352	1358	1362	rBV2	43596	57168	1.23%	0.110%
14	10.292	1388	1395	1398	rBV2	78610	81543	1.76%	0.157%
15	10.663	1454	1458	1467	rVB	2840435	2604311	56.11%	5.026%
16	10.763	1473	1475	1484	rVB	73152	106773	2.30%	0.206%
17	11.210	1548	1551	1554	rBV2	60773	61709	1.33%	0.119%
18	11.245	1554	1557	1563	rVB3	41642	61481	1.32%	0.119%
19	11.357	1572	1576	1578	rBV	1440119	1326273	28.58%	2.559%
20	11.380	1578	1580	1586	rVV	330728	294703	6.35%	0.569%
21	11.433	1586	1589	1592	rVB	64503	54855	1.18%	0.106%
22	11.639	1621	1624	1627	rVB2	58099	47078	1.01%	0.091%
23	11.880	1658	1665	1672	rBV2	767951	955329	20.58%	1.844%
24	11.969	1677	1680	1683	rBV	76593	85357	1.84%	0.165%
25	12.045	1690	1693	1696	rVB	60735	46970	1.01%	0.091%
26	12.404	1748	1754	1756	rBV3	45182	60170	1.30%	0.116%
27	12.433	1756	1759	1762	rVV	57591	72266	1.56%	0.139%
28	12.463	1762	1764	1767	rVB	111946	85016	1.83%	0.164%
29	12.498	1767	1770	1778	rVB4	39598	66238	1.43%	0.128%
30	12.569	1778	1782	1791	rBV	719172	757875	16.33%	1.463%
31	12.663	1791	1798	1805	rBV2	467633	564072	12.15%	1.089%
32	12.739	1809	1811	1816	rVB2	67150	70861	1.53%	0.137%
33	12.798	1816	1821	1825	rBV	591669	618748	13.33%	1.194%
34	12.939	1840	1845	1848	rBV	4144832	3671956	79.12%	7.086%

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35	13.027	1854	1860	1863	rBV3	43220	83258	1.79%	0.161%
36	13.157	1880	1882	1886	rVB2	93447	87417	1.88%	0.169%
37	13.233	1891	1895	1900	rBV2	54575	71153	1.53%	0.137%
38	13.504	1935	1941	1944	rBV2	77029	107796	2.32%	0.208%
39	13.645	1962	1965	1969	rVB	54177	53141	1.14%	0.103%
40	13.774	1980	1987	1990	rBV2	324196	556363	11.99%	1.074%
41	13.851	1990	2000	2004	rVV	2388121	4641215	100.00%	8.957%
42	13.904	2005	2009	2016	rVB2	86597	128437	2.77%	0.248%
43	13.998	2021	2025	2028	rVV2	1095512	1257023	27.08%	2.426%
44	14.027	2028	2030	2033	rVB	248069	202812	4.37%	0.391%
45	14.145	2045	2050	2057	rVB	391020	426043	9.18%	0.822%
46	14.451	2097	2102	2106	rVB	733193	823605	17.75%	1.589%
47	14.751	2148	2153	2159	rVB	1130062	1299019	27.99%	2.507%
48	14.827	2163	2166	2173	rVB2	151482	184227	3.97%	0.356%
49	15.045	2199	2203	2205	rBV	228766	321689	6.93%	0.621%
50	15.086	2205	2210	2218	rVV	1241855	1691708	36.45%	3.265%
51	15.151	2219	2221	2225	rVB	47714	58195	1.25%	0.112%
52	15.345	2251	2254	2261	rVB	147812	190403	4.10%	0.367%
53	15.410	2261	2265	2268	rBV	199600	263055	5.67%	0.508%
54	15.463	2268	2274	2279	rVV2	1464332	2217388	47.78%	4.279%
55	15.886	2339	2346	2352	rBV	762370	1285034	27.69%	2.480%
56	16.386	2425	2431	2442	rVB2	368838	715454	15.42%	1.381%
57	16.957	2522	2528	2536	rVB2	196853	462081	9.96%	0.892%
58	17.398	2600	2603	2612	rVB	74733	137530	2.96%	0.265%
59	17.651	2642	2646	2658	rVB4	81739	206164	4.44%	0.398%

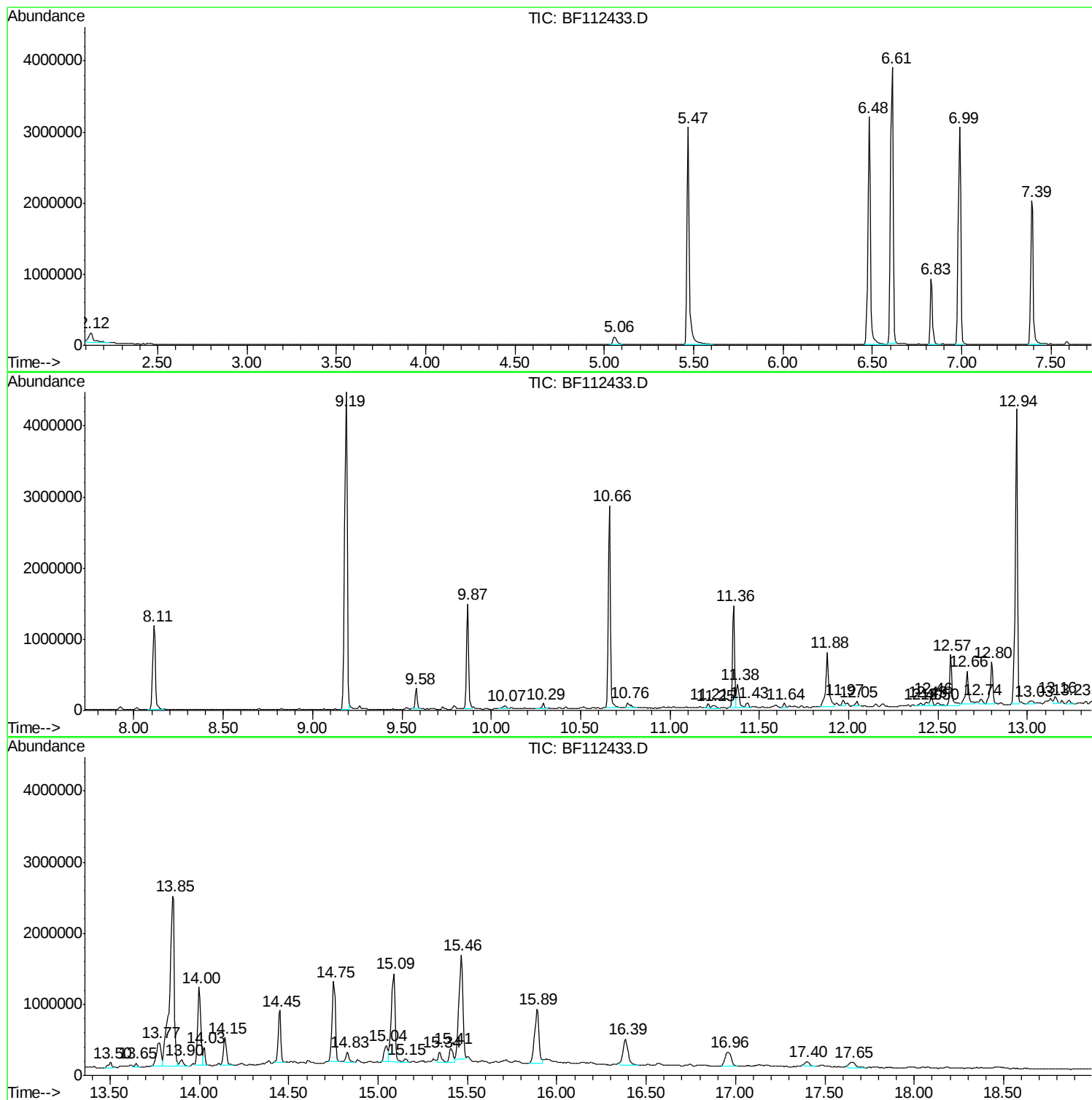
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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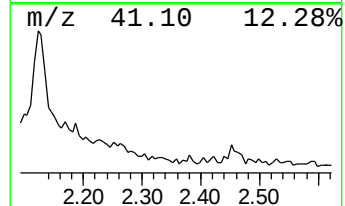
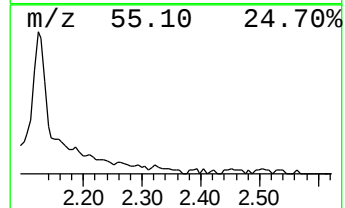
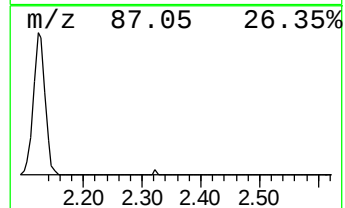
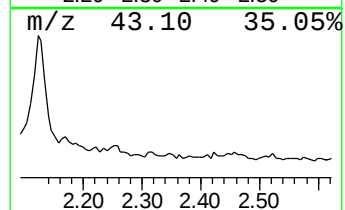
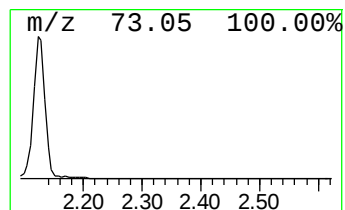
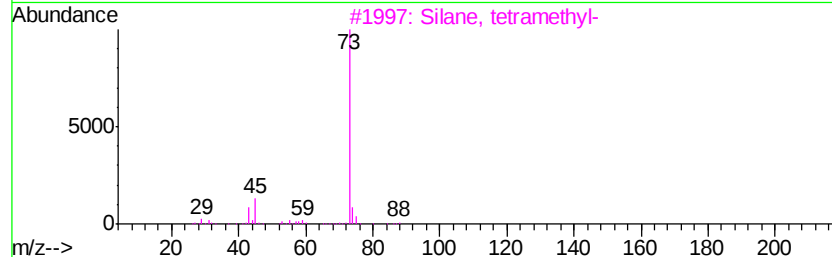
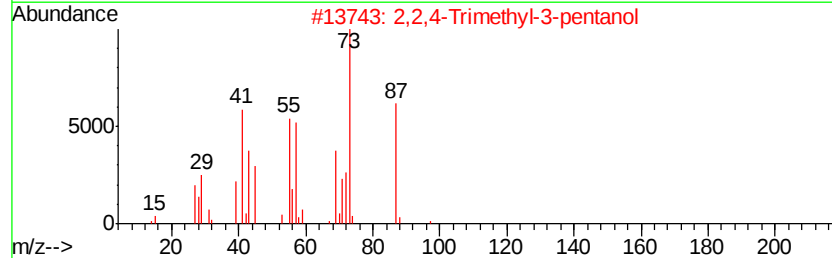
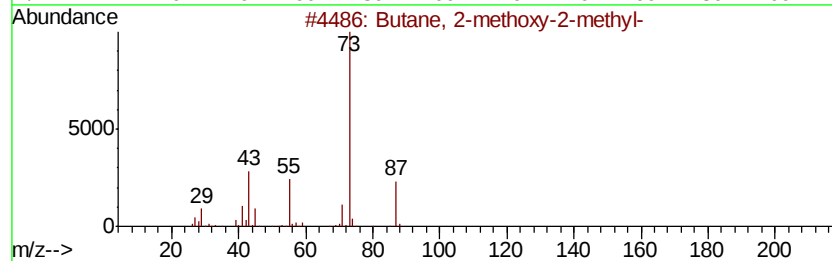
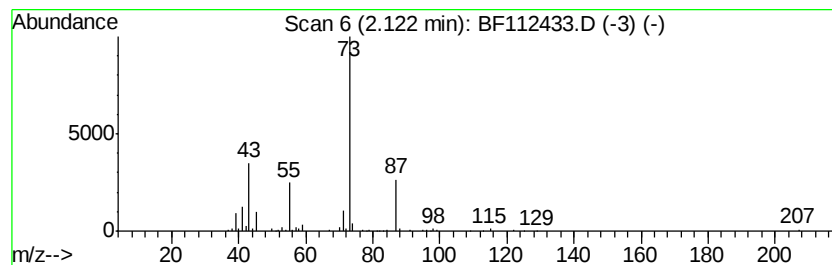
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.12	6.55 ng	272733	1,4-Dichlorobenzene-d4	6.83

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	64
3		Silane, tetramethyl-	88	C4H12Si	000075-76-3	38
4		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
5		N-Ethylformamide	73	C3H7NO	000627-45-2	9



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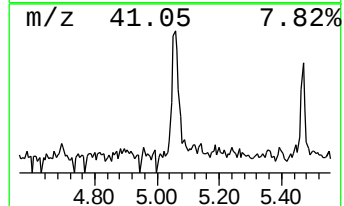
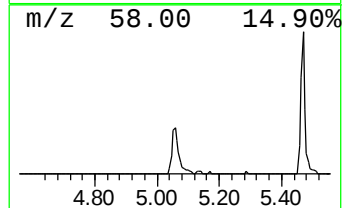
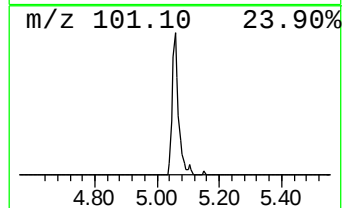
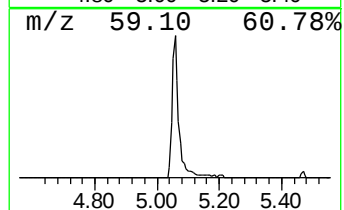
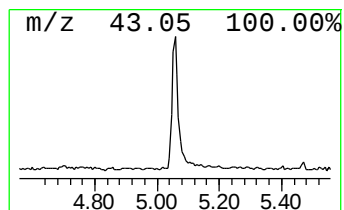
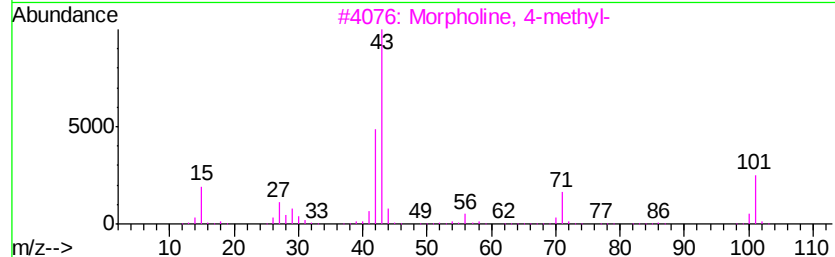
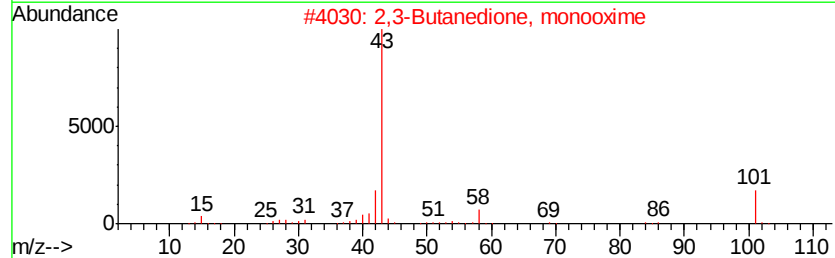
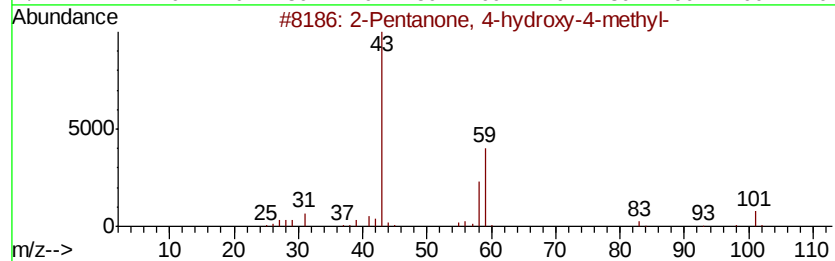
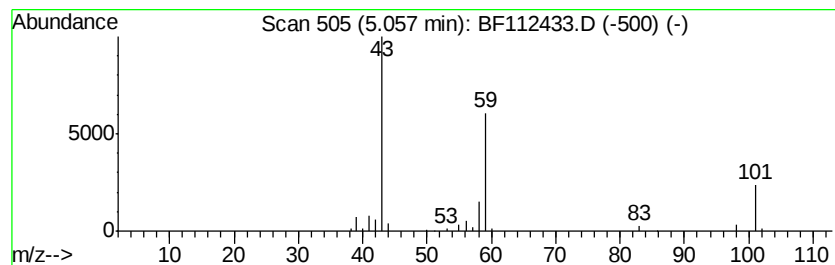
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.06	3.66 ng	152276	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		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	38
3		Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4		5-Hexen-2-one	98	C6H10O	000109-49-9	9
5		(+)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9



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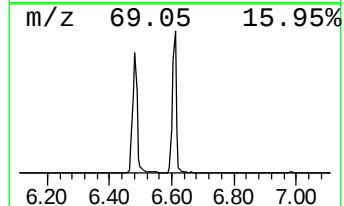
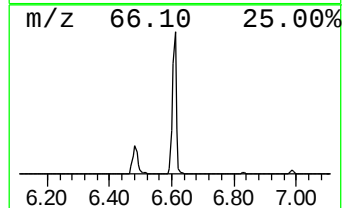
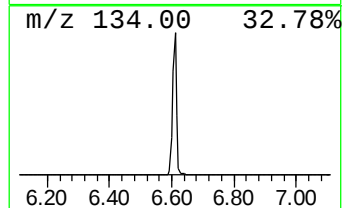
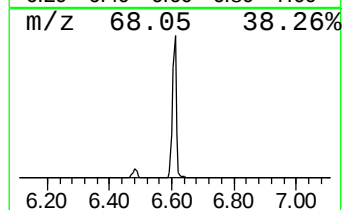
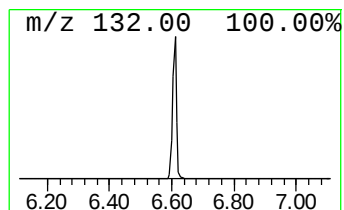
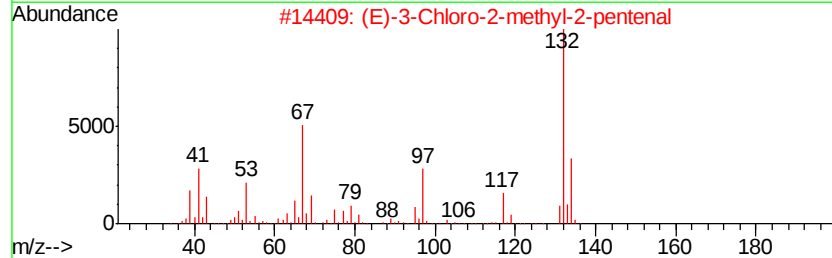
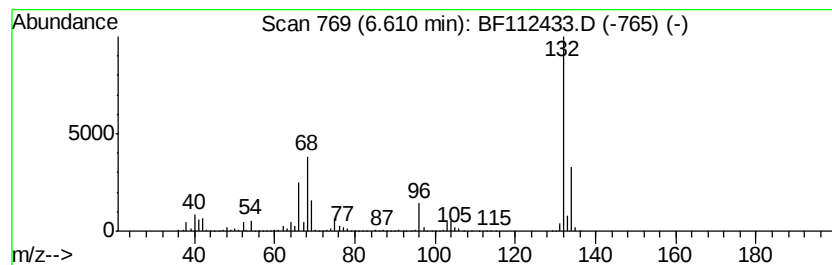
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 unknown6.61 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.61	81.56 ng	3397250	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	27
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
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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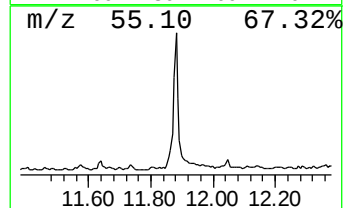
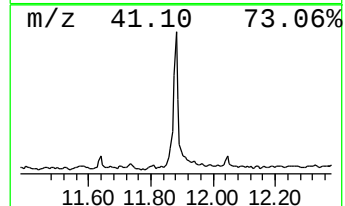
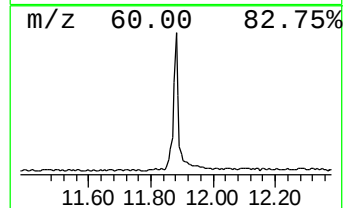
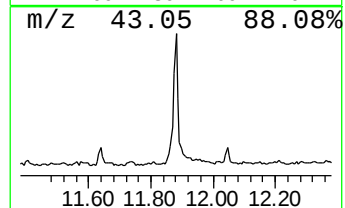
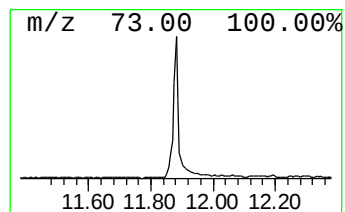
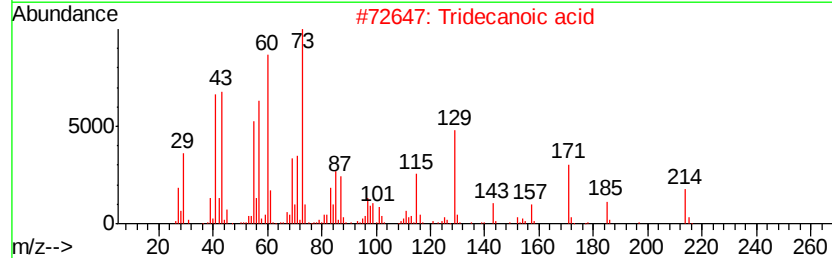
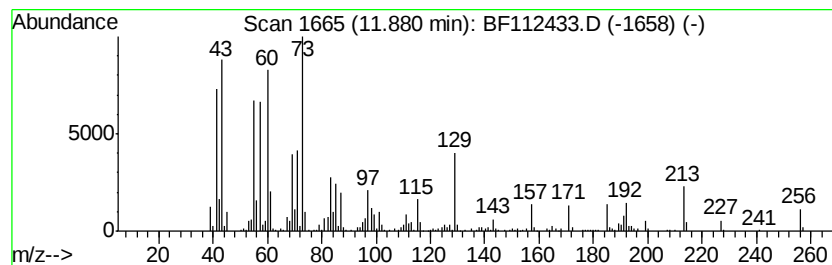
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.88	14.41 ng	955329	Phenanthrene-d10	11.36

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		Tridecanoic acid	214	C13H26O2	000638-53-9	95
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	93
4		n-Decanoic acid	172	C10H20O2	000334-48-5	76
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	70



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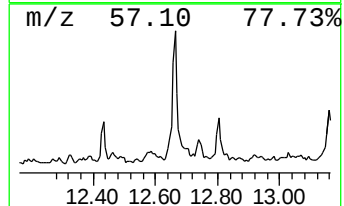
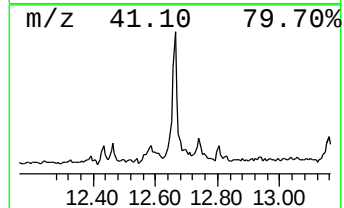
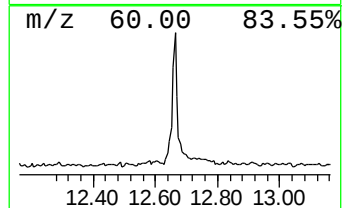
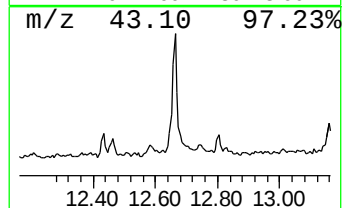
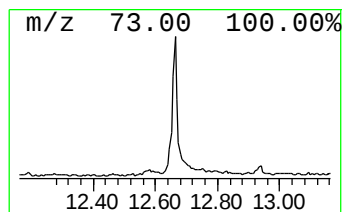
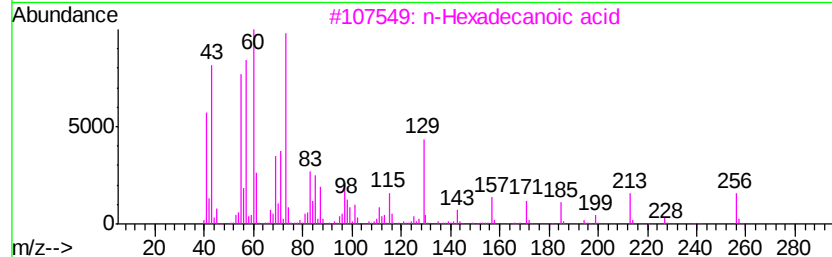
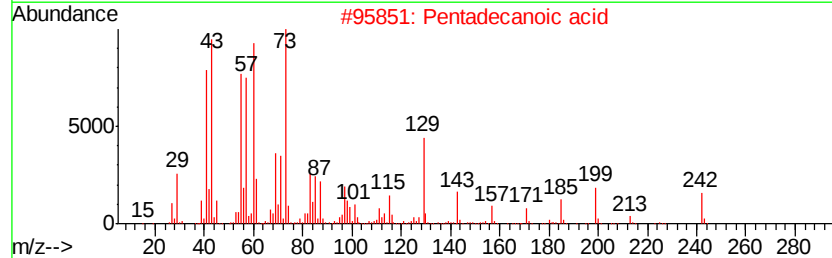
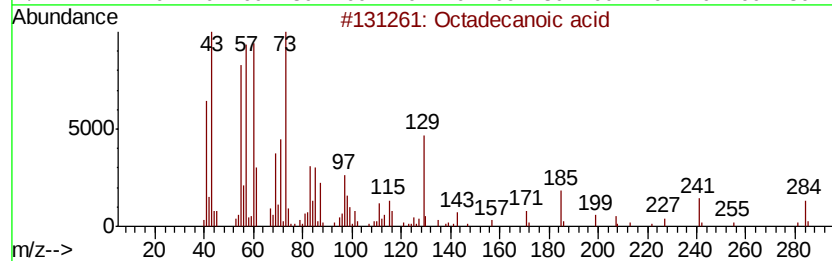
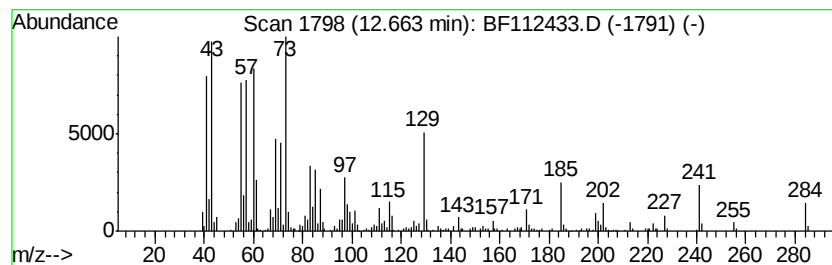
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Octadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD		R.T.
12.66	8.51 ng	564072	Phenanthrene-d10		11.36
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
5	Tridecanoic acid	214	C13H26O2	000638-53-9	76



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020719\
Data File : BF112433.D
Acq On : 7 Feb 2019 12:37
Operator : JU/SJ
Sample : K1385-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
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ClientSampleId :
98-SB-01-2-4

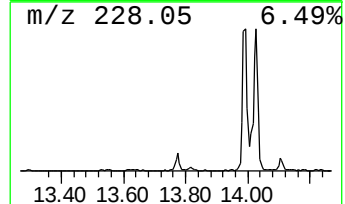
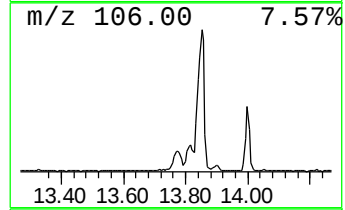
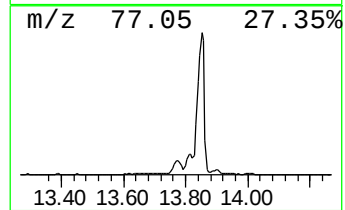
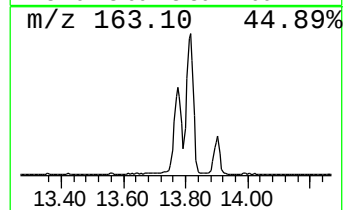
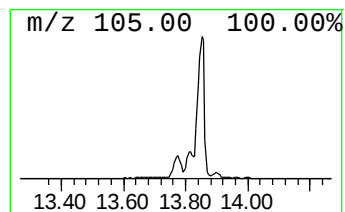
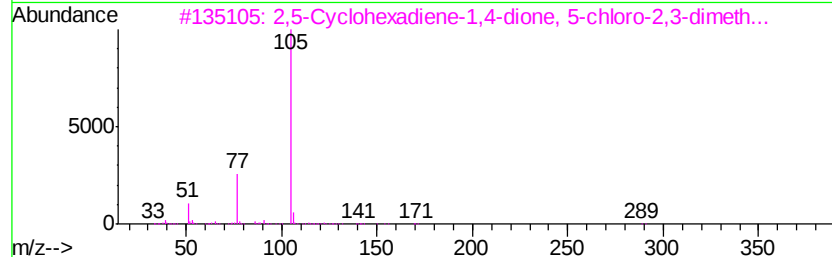
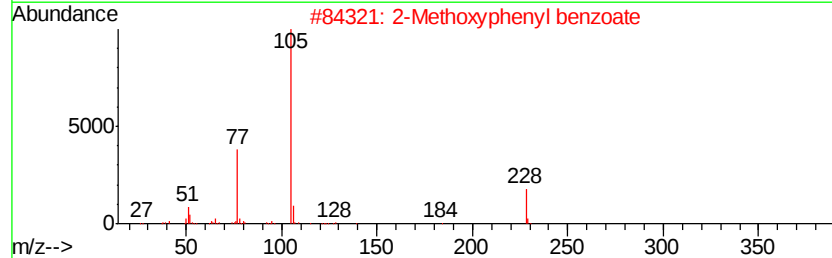
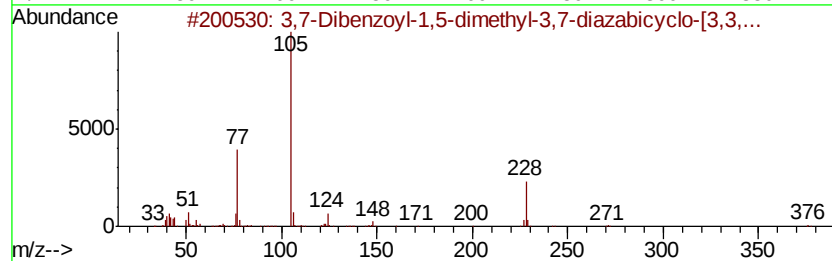
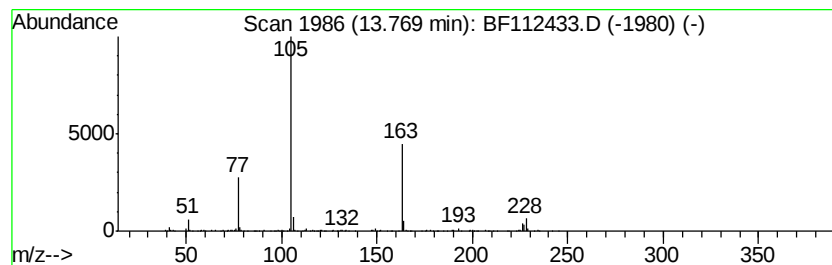
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 unknown13.77 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.77	8.85 ng	556363	Chrysene-d12	14.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3,7-Dibenzoyl-1,5-dimethyl-3,7-d...	376	C23H24N2O3	080808-90-8	38
2		2-Methoxyphenyl benzoate	228	C14H12O3	000531-37-3	35
3		2,5-Cyclohexadiene-1,4-dione, 5-...	289	C15H12ClN03	324051-60-7	27
4		Benzoic acid, 2-propenyl ester	162	C10H10O2	000583-04-0	27
5		3-Benzoyl-2-t-butyl-4-methyl-oxa...	261	C15H19NO3	1000192-66-9	27



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020719\
Data File : BF112433.D
Acq On : 7 Feb 2019 12:37
Operator : JU/SJ
Sample : K1385-01
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ALS Vial : 3 Sample Multiplier: 1

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ClientSampleId :
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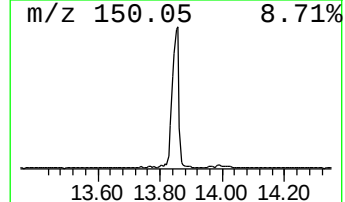
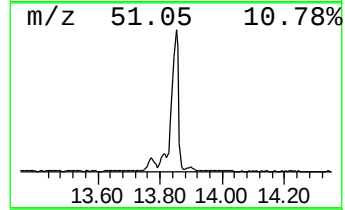
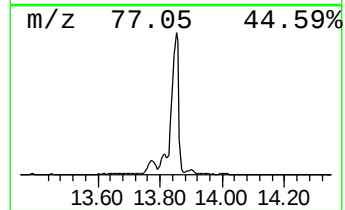
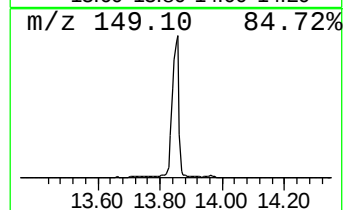
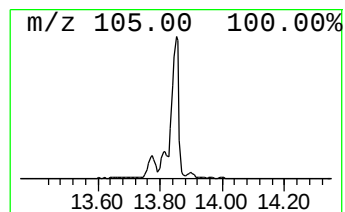
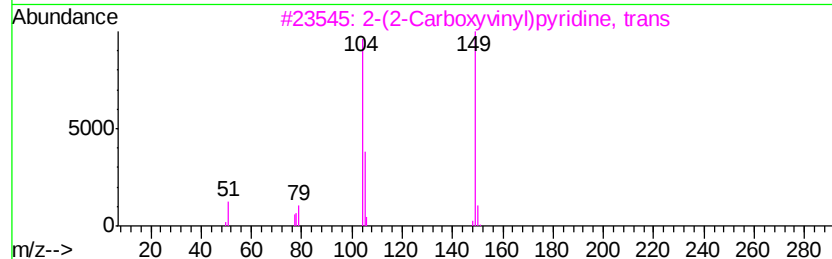
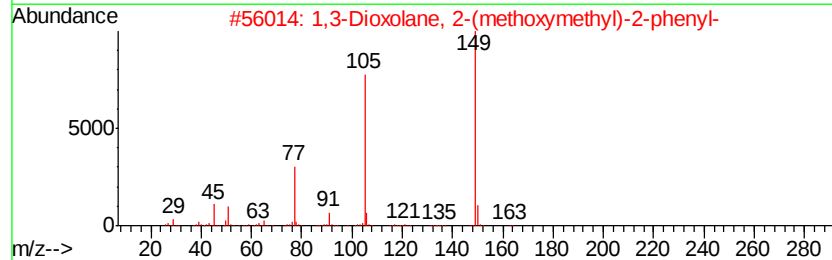
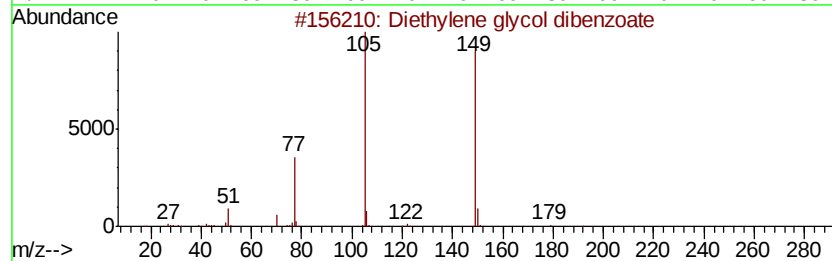
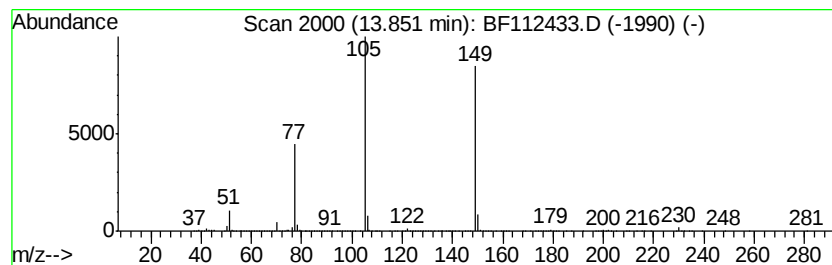
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Diethylene glycol dibenzoate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.85	73.84 ng	4641220	Chrysene-d12	14.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Diethylene glycol dibenzoate	314	C18H18O5	000120-55-8	80
2		1,3-Dioxolane, 2-(methoxymethyl)...	194	C11H14O3	1000156-71-2	59
3		2-(2-Carboxyvinyl)pyridine, trans	149	C8H7NO2	007340-22-9	49
4		2-Methyl-4-hydroxybenzoxazole	149	C8H7NO2	051110-60-2	43
5		Benzamide, N-(5-acetyl-1,2,3-tri...	230	C11H10N4O2	129959-33-7	35



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020719\
Data File : BF112433.D
Acq On : 7 Feb 2019 12:37
Operator : JU/SJ
Sample : K1385-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

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ClientSampleId :
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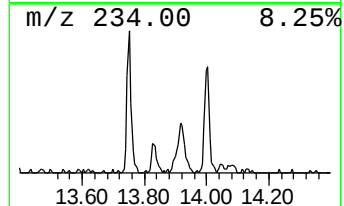
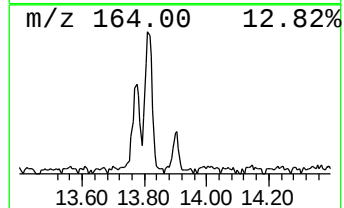
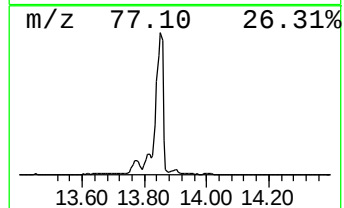
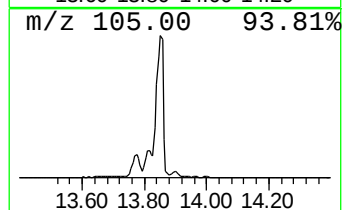
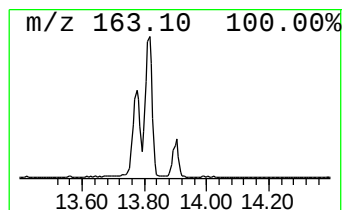
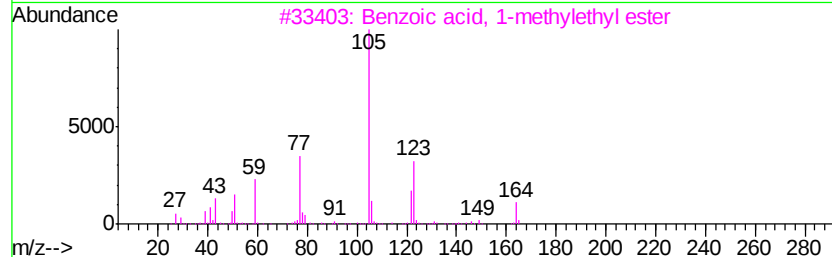
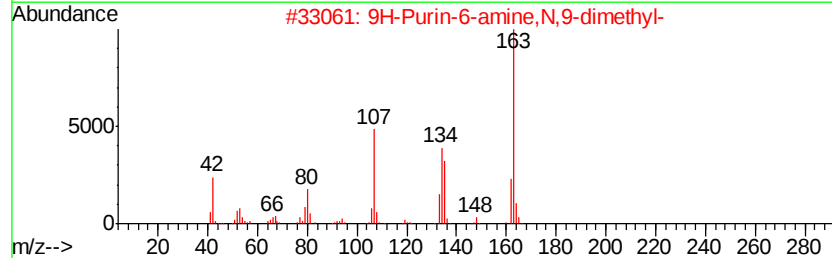
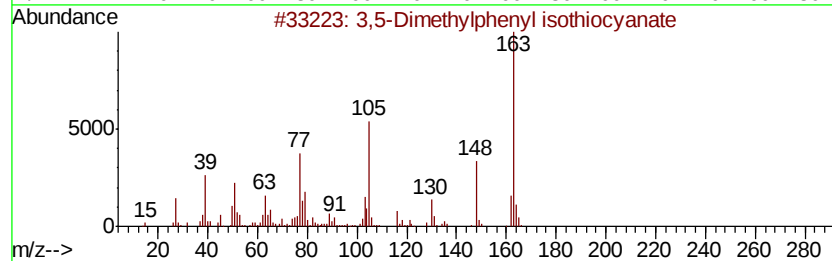
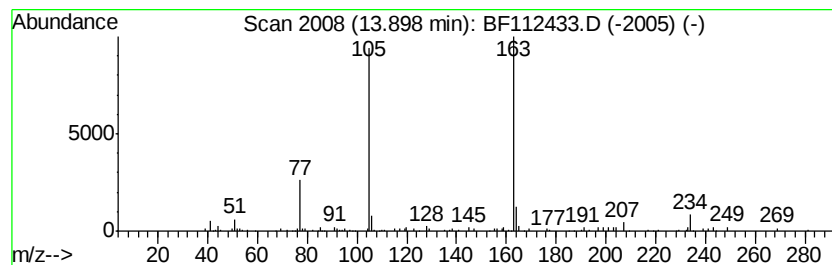
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 unknown13.90 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.90	2.04 ng	128437	Chrysene-d12	14.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3,5-Dimethylphenyl isothiocyanate	163	C9H9NS	040046-30-8	45
2		9H-Purin-6-amine,N,9-dimethyl-	163	C7H9N5	002009-52-1	38
3		Benzoic acid, 1-methylethyl ester	164	C10H12O2	000939-48-0	14
4		Benzeneacetic acid, .alpha.-meth...	164	C10H12O2	031508-44-8	14
5		1-Benzoyl-2-t-butyl-5-methoxy-3-...	290	C16H22N2O3	113304-20-4	10



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020719\
Data File : BF112433.D
Acq On : 7 Feb 2019 12:37
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Misc :
ALS Vial : 3 Sample Multiplier: 1

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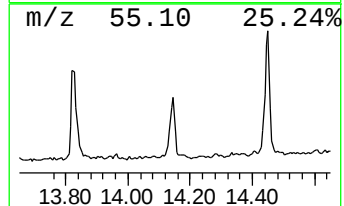
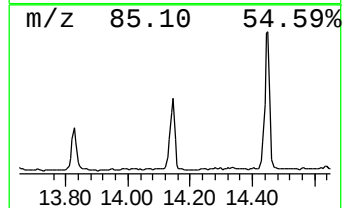
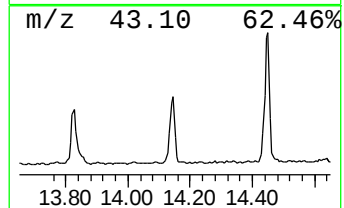
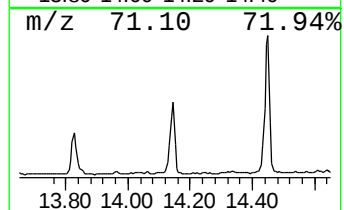
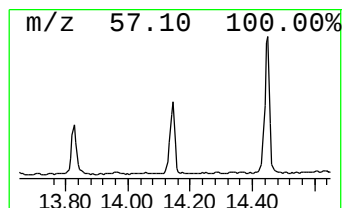
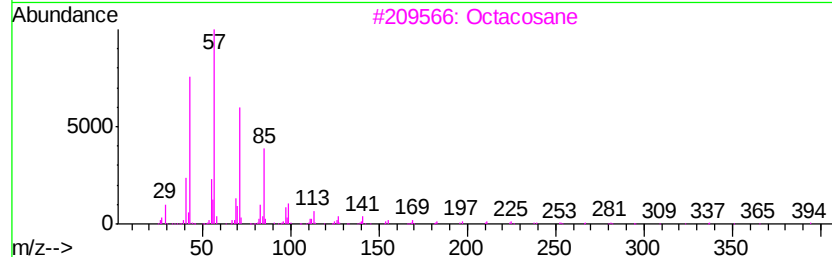
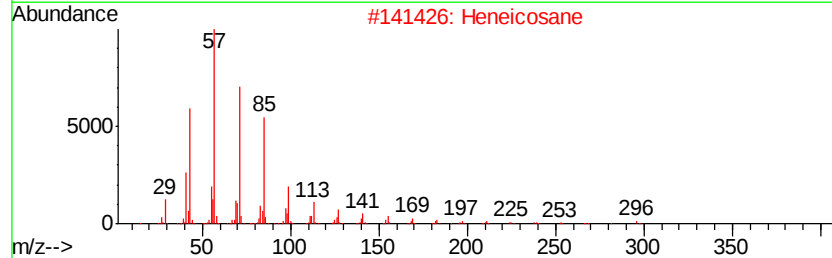
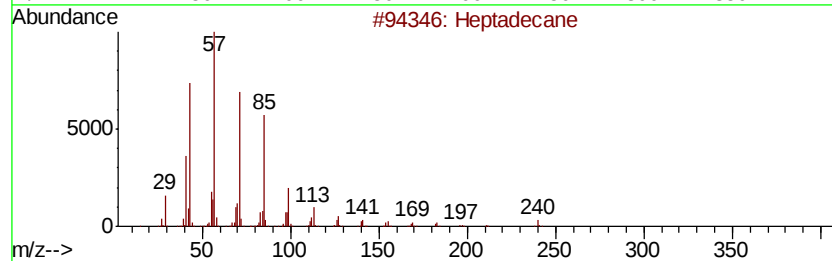
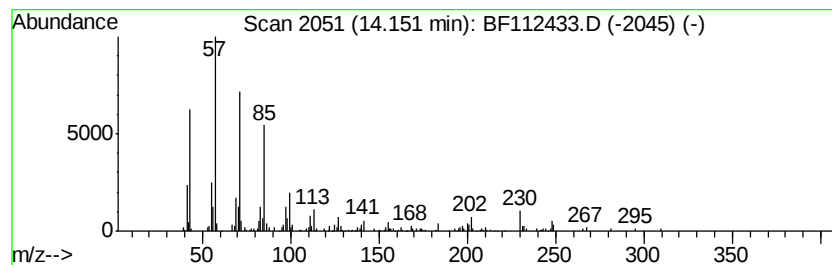
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Heptadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.15	6.78 ng	426043	Chrysene-d12	14.00

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane	240	C17H36	000629-78-7	95
2			Heneicosane	296	C21H44	000629-94-7	91
3			Octacosane	394	C28H58	000630-02-4	91
4			Docosane	310	C22H46	000629-97-0	91
5			Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020719\
Data File : BF112433.D
Acq On : 7 Feb 2019 12:37
Operator : JU/SJ
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Misc :
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Instrument :
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ClientSampleId :
98-SB-01-2-4

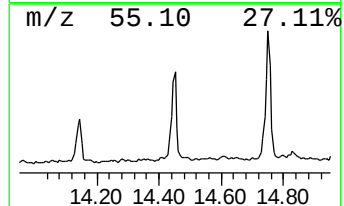
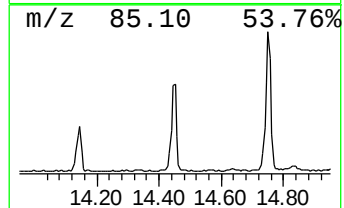
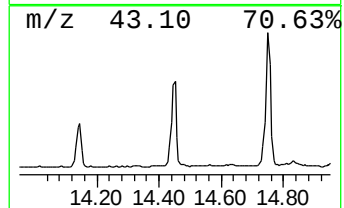
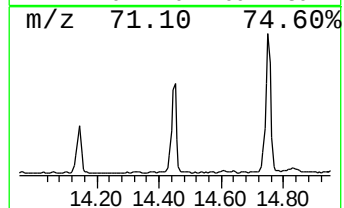
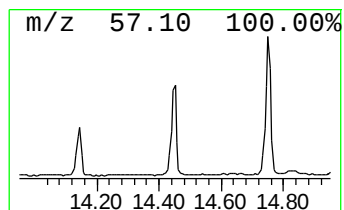
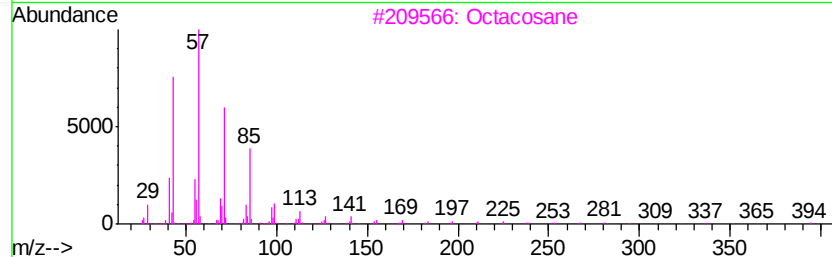
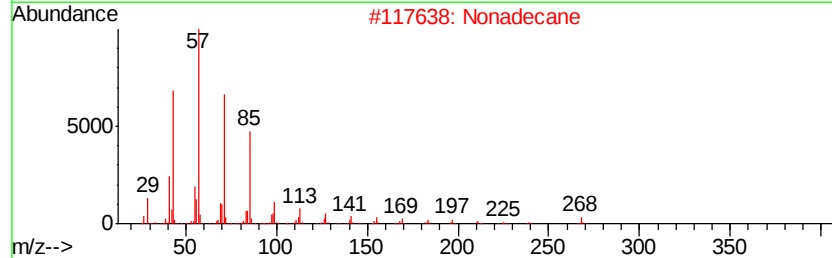
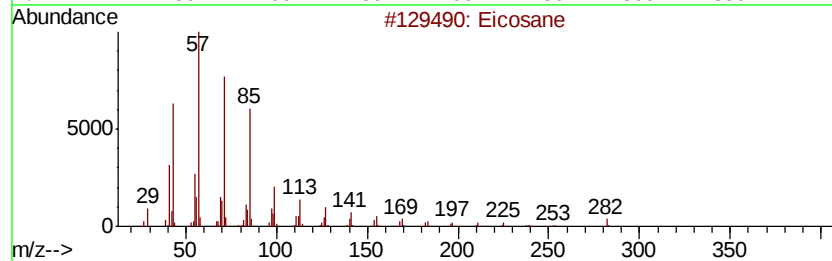
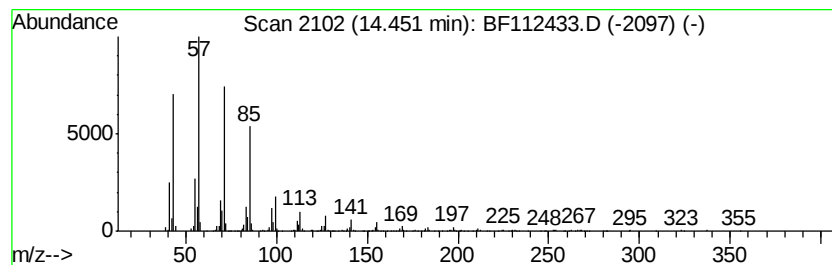
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Eicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.45	13.10 ng	823605	Chrysene-d12	14.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	97
2		Nonadecane	268	C19H40	000629-92-5	94
3		Octacosane	394	C28H58	000630-02-4	91
4		Heptacosane	380	C27H56	000593-49-7	91
5		Heneicosane	296	C21H44	000629-94-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020719\
Data File : BF112433.D
Acq On : 7 Feb 2019 12:37
Operator : JU/SJ
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ALS Vial : 3 Sample Multiplier: 1

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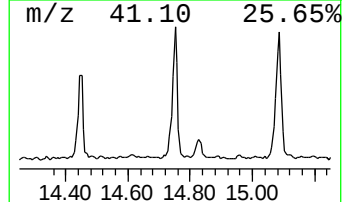
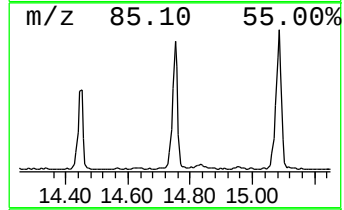
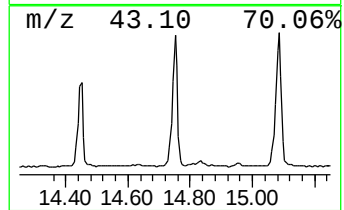
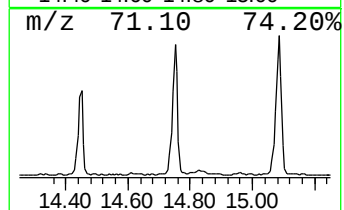
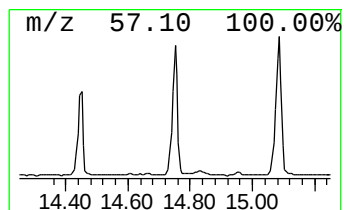
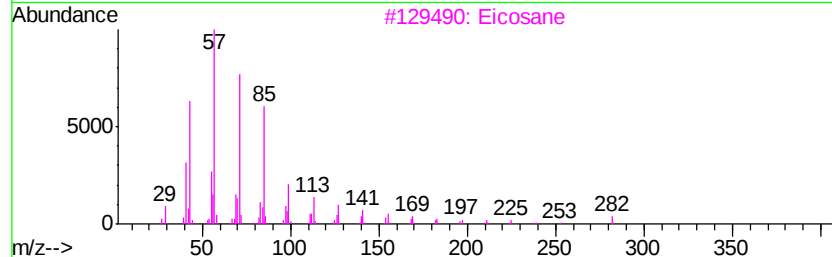
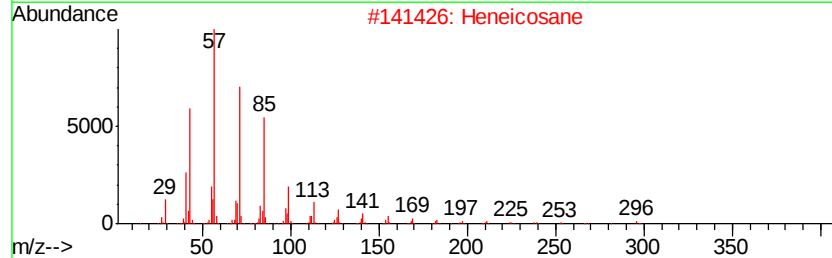
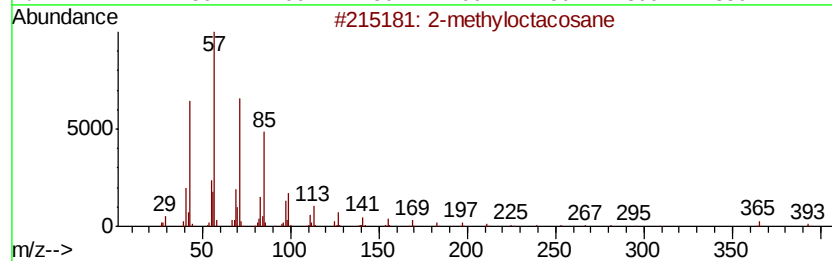
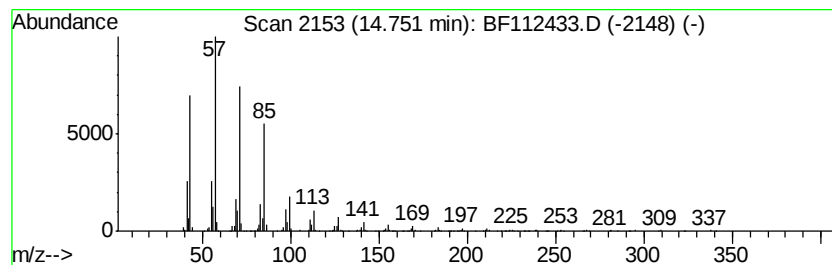
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 2-methyloctacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.75	11.72 ng	1299020	Perylene-d12	15.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-methyloctacosane	408	C29H60	1000376-72-8	91
2		Heneicosane	296	C21H44	000629-94-7	91
3		Eicosane	282	C20H42	000112-95-8	91
4		Hexacosane	366	C26H54	000630-01-3	91
5		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020719\
Data File : BF112433.D
Acq On : 7 Feb 2019 12:37
Operator : JU/SJ
Sample : K1385-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
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ClientSampleId :
98-SB-01-2-4

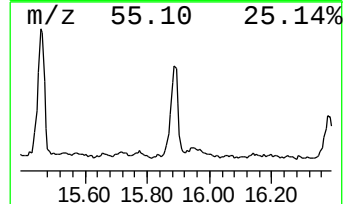
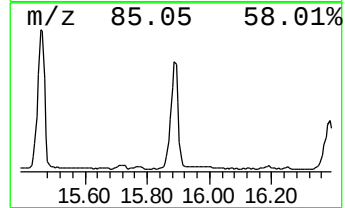
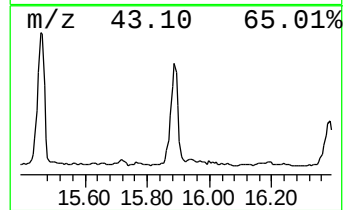
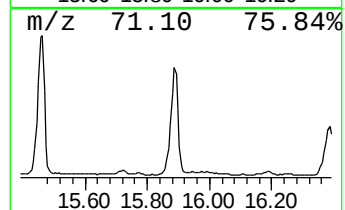
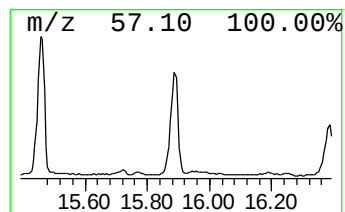
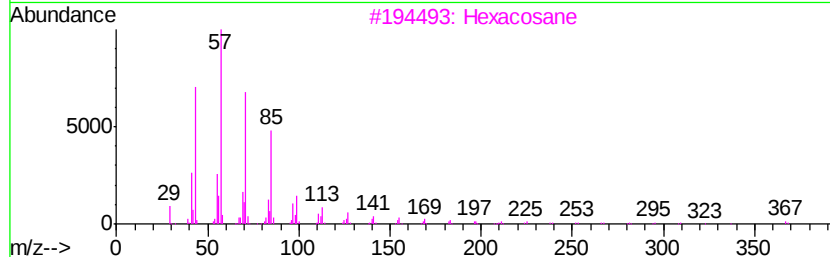
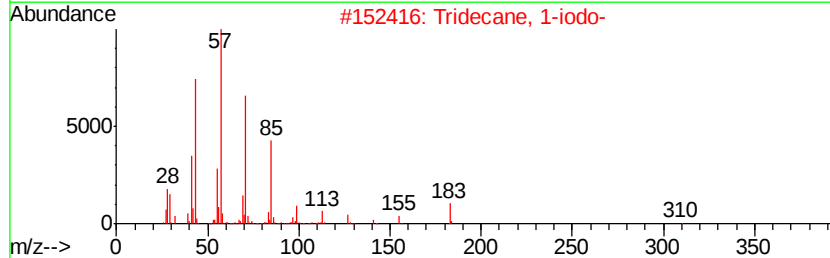
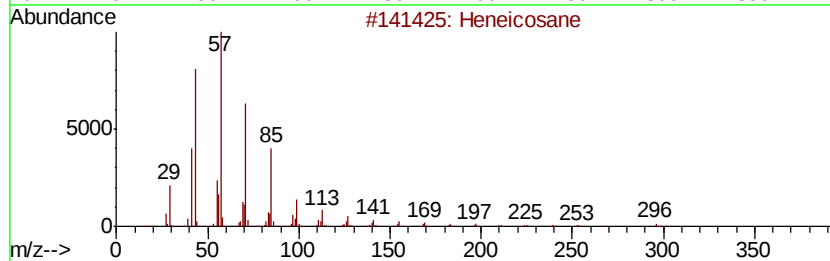
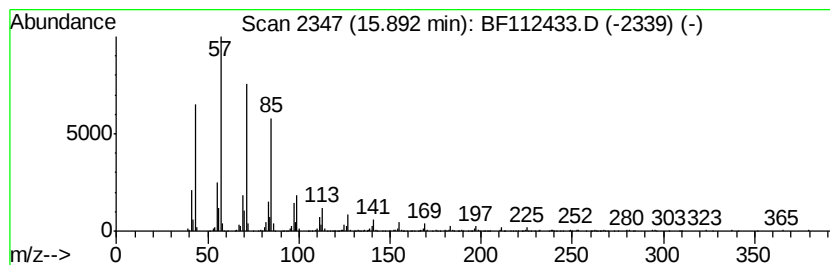
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Heneicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.89	11.59 ng	1285030	Perylene-d12	15.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	94
2		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	93
3		Hexacosane	366	C26H54	000630-01-3	91
4		2-methyloctacosane	408	C29H60	1000376-72-8	91
5		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF020719\
 Data File : BF112433.D
 Acq On : 7 Feb 2019 12:37
 Operator : JU/SJ
 Sample : K1385-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 98-SB-01-2-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.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...	2.12	6.5	ng	272733	1	6.83	833079	20.0
2-Pentanone, 4-hy...	5.06	3.7	ng	152276	1	6.83	833079	20.0
unknown6.61	6.61	81.6	ng	3397250	1	6.83	833079	20.0
n-Hexadecanoic acid	11.88	14.4	ng	955329	4	11.36	1326270	20.0
Octadecanoic acid	12.66	8.5	ng	564072	4	11.36	1326270	20.0
unknown13.77	13.77	8.8	ng	556363	5	14.00	1257020	20.0
Diethylene glycol...	13.85	73.8	ng	4641220	5	14.00	1257020	20.0
unknown13.90	13.90	2.0	ng	128437	5	14.00	1257020	20.0
Heptadecane	14.15	6.8	ng	426043	5	14.00	1257020	20.0
Eicosane	14.45	13.1	ng	823605	5	14.00	1257020	20.0
2-methyloctacosane	14.75	11.7	ng	1299020	6	15.47	2217390	20.0
Heneicosane	15.89	11.6	ng	1285030	6	15.47	2217390	20.0