

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080819\
 Data File : BF116092.D
 Acq On : 9 Aug 2019 2:31
 Operator : HP/JU
 Sample : K4162-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RT-3407

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-BF073019.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	2.110	3	4	24	rVB	689755	670592	19.67%	2.123%
2	5.463	570	574	601	rBV	2498187	2677035	78.53%	8.475%
3	6.475	742	746	765	rBV	2659202	2863585	84.00%	9.066%
4	6.610	765	769	779	rVV	3151199	2873944	84.31%	9.098%
5	6.834	804	807	817	rBV	926738	870669	25.54%	2.756%
6	6.992	830	834	849	rBV	2587924	2325910	68.23%	7.363%
7	7.398	899	903	921	rBV	1886566	1872186	54.92%	5.927%
8	8.116	1021	1025	1047	rBV	1226537	1162218	34.09%	3.679%
9	9.192	1203	1208	1211	rBV	3760602	3408932	100.00%	10.792%
10	9.580	1271	1274	1284	rBV	475907	455452	13.36%	1.442%
11	9.869	1319	1323	1327	rBV	1556222	1319751	38.71%	4.178%
12	9.904	1327	1329	1336	rVB	39501	40710	1.19%	0.129%
13	10.422	1413	1417	1422	rBV	39299	51984	1.52%	0.165%
14	10.663	1454	1458	1469	rBV	1761973	1964305	57.62%	6.219%
15	10.786	1473	1479	1485	rVV2	90603	130510	3.83%	0.413%
16	11.251	1554	1558	1564	rVB2	112469	137601	4.04%	0.436%
17	11.357	1572	1576	1579	rBV	1342385	1273743	37.36%	4.032%
18	11.380	1579	1580	1585	rVB	218671	150688	4.42%	0.477%
19	11.598	1615	1617	1620	rVB3	43005	36929	1.08%	0.117%
20	11.857	1659	1661	1663	rBV	38391	38321	1.12%	0.121%
21	11.880	1663	1665	1672	rVB3	119983	165463	4.85%	0.524%
22	11.969	1678	1680	1683	rBV2	63702	59633	1.75%	0.189%
23	12.333	1740	1742	1745	rBV	46827	38101	1.12%	0.121%
24	12.569	1779	1782	1787	rBV	342014	334395	9.81%	1.059%
25	12.751	1811	1813	1816	rVB	85103	73308	2.15%	0.232%
26	12.798	1816	1821	1825	rBV	381635	436984	12.82%	1.383%
27	12.939	1840	1845	1848	rBV	3124785	2870467	84.20%	9.087%
28	13.163	1881	1883	1886	rVB2	61257	42771	1.25%	0.135%
29	13.504	1939	1941	1944	rBV2	57315	54638	1.60%	0.173%
30	13.557	1948	1950	1957	rVB	74268	66972	1.96%	0.212%
31	13.833	1994	1997	2007	rVB3	179614	344859	10.12%	1.092%
32	13.963	2017	2019	2021	rBV	174426	152825	4.48%	0.484%
33	13.998	2021	2025	2028	rVV	889215	883405	25.91%	2.797%
34	14.451	2099	2102	2104	rBV	78409	83651	2.45%	0.265%

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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

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	14.751	2151	2153	2159	rVB	62785	66128	1.94%	0.209%
36	15.039	2199	2202	2208	rBV	98897	189363	5.55%	0.599%
37	15.086	2208	2210	2218	rVB	97775	104418	3.06%	0.331%
38	15.339	2250	2253	2259	rVB	72373	92366	2.71%	0.292%
39	15.404	2261	2264	2268	rVV	81875	101878	2.99%	0.323%
40	15.462	2269	2274	2287	rVB	727326	1003991	29.45%	3.178%
41	15.886	2343	2346	2350	rVB	73809	96848	2.84%	0.307%

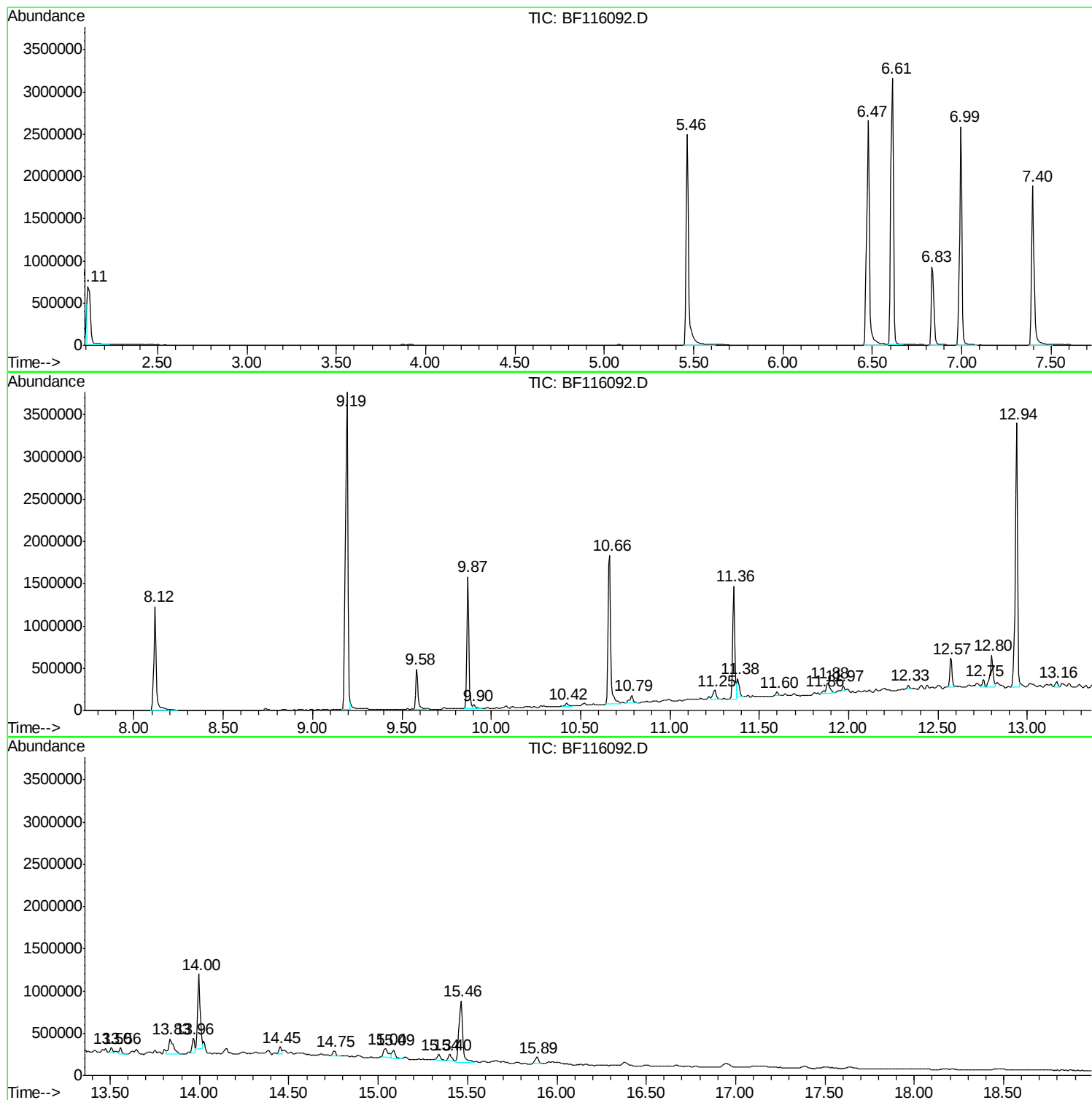
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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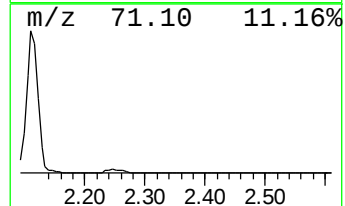
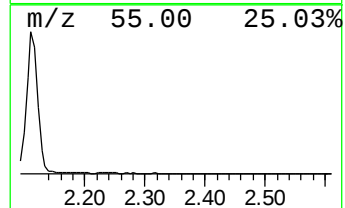
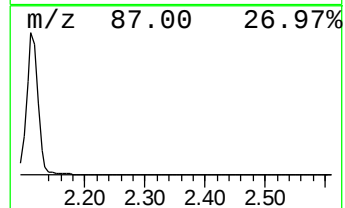
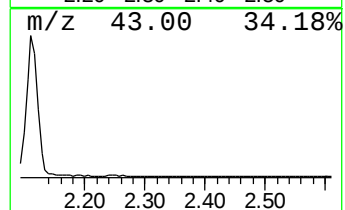
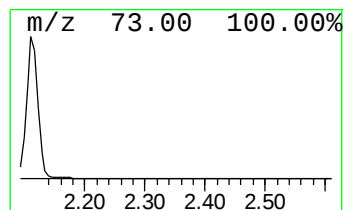
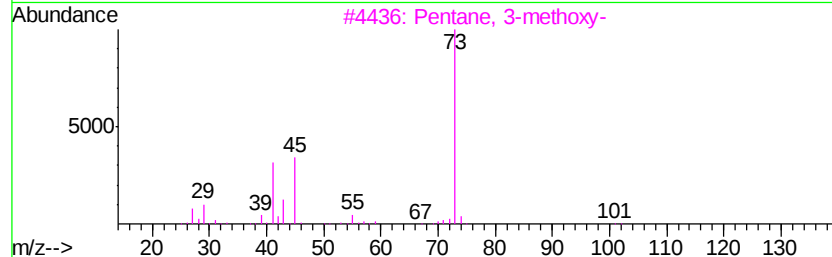
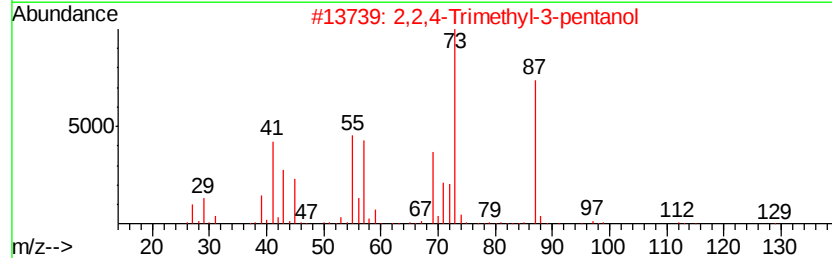
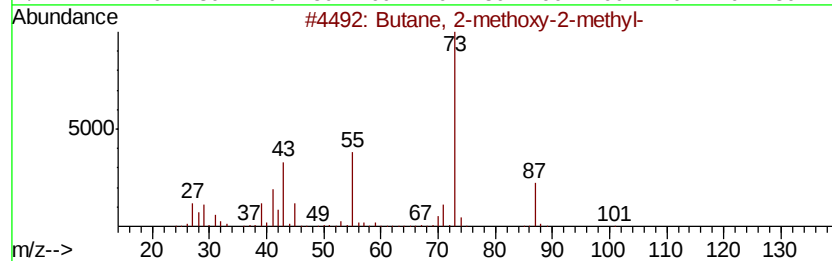
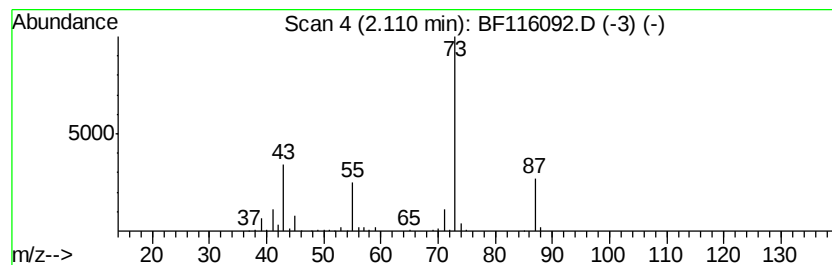
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.
2.11	15.40 ng	670592	1,4-Dichlorobenzene-d4	6.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	74
2		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4		N-Ethylformamide	73	C3H7NO	000627-45-2	9
5		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9



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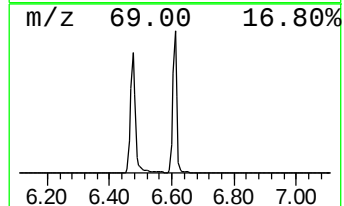
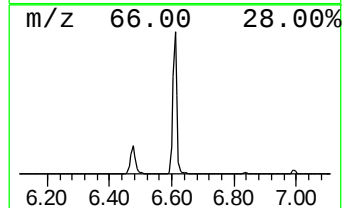
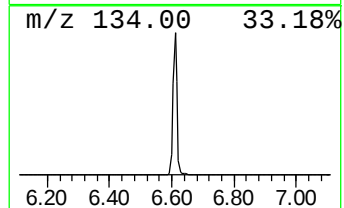
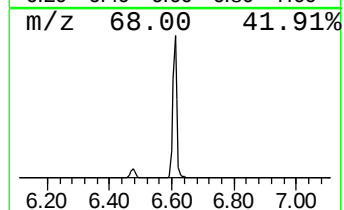
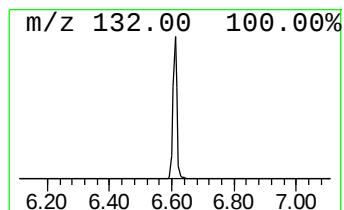
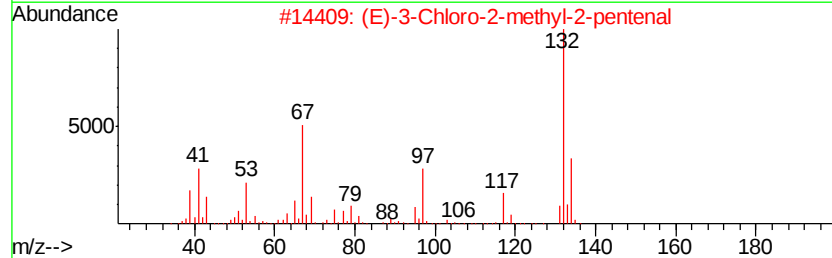
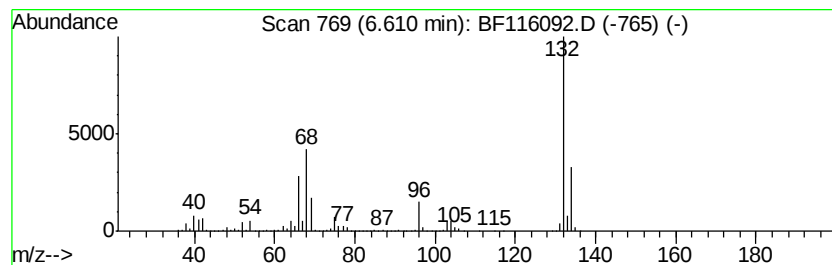
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 unknown6.61 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.61	66.02 ng	2873940	1,4-Dichlorobenzene-d4	6.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3		Tranvlcyproline-propionyl	189	C12H15NO	1000123-86-3	12
4		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5		Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9



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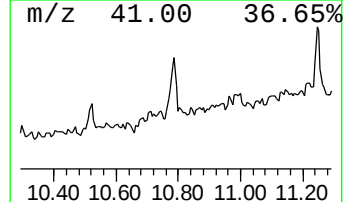
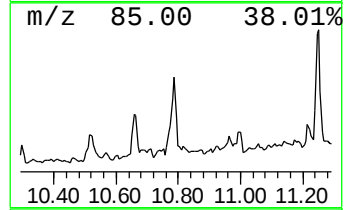
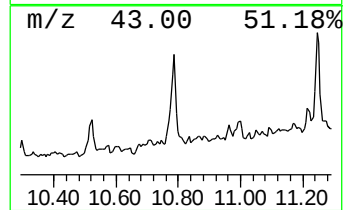
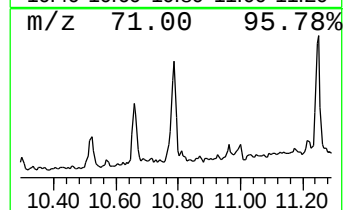
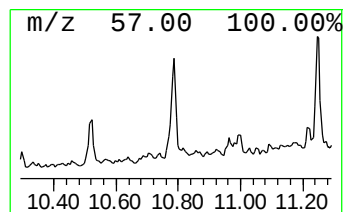
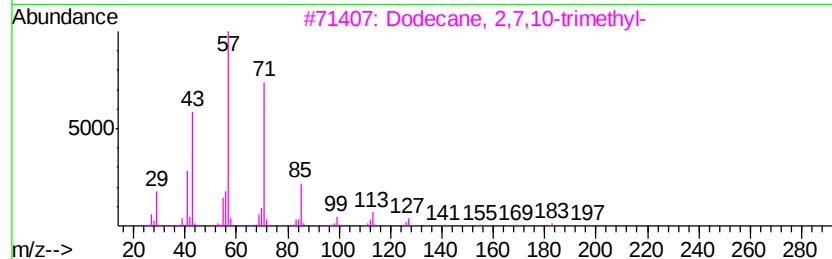
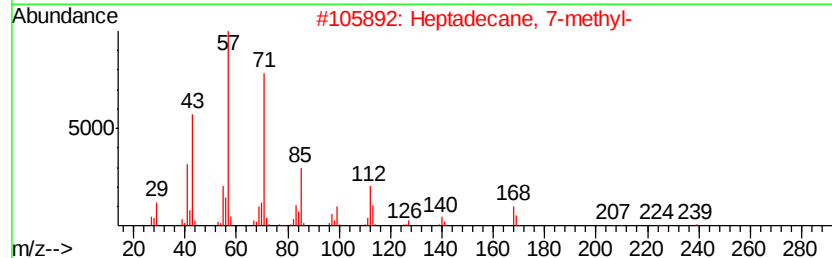
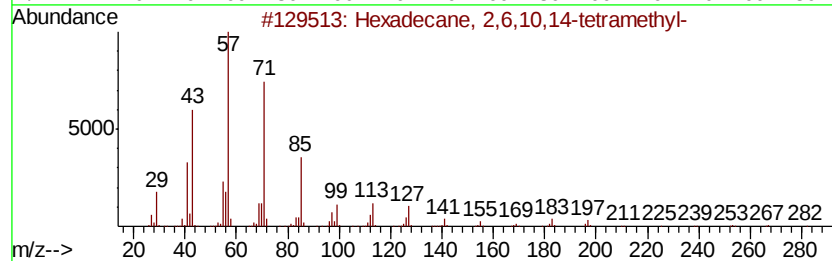
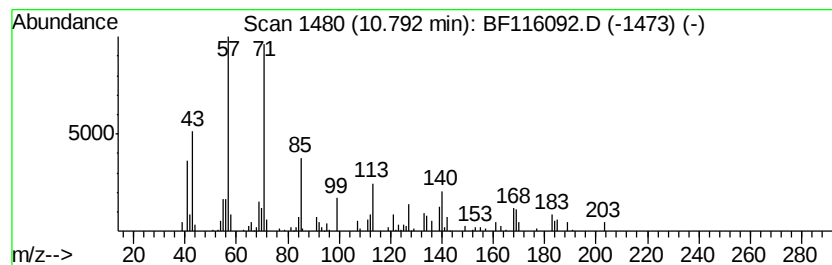
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 4 Hexadecane, 2,6,10,14-tetra... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.79	2.05 ng	130510	Phenanthrene-d10	11.36

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	80
2		Heptadecane, 7-methyl-	254	C18H38	020959-33-5	72
3		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	64
4		Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1000309-19-2	59
5		Octane, 3-ethyl-	142	C10H22	005881-17-4	58



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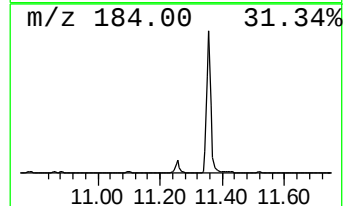
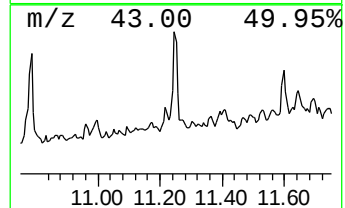
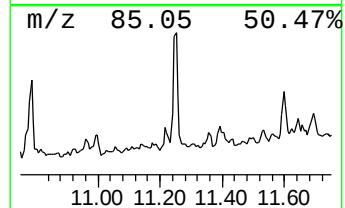
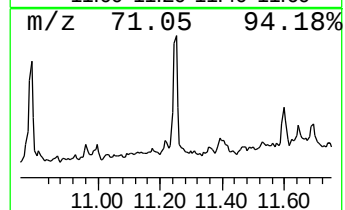
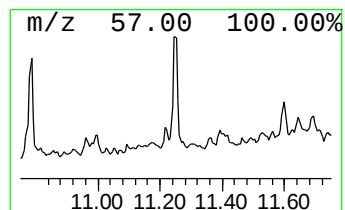
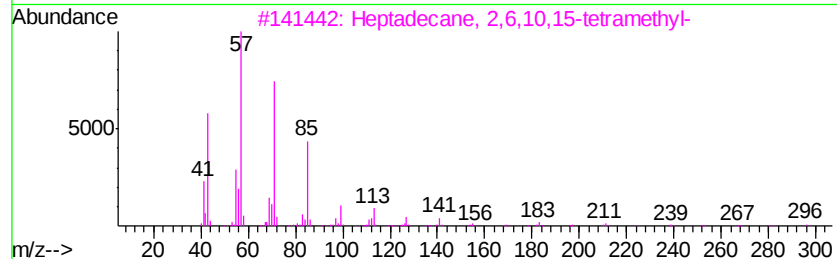
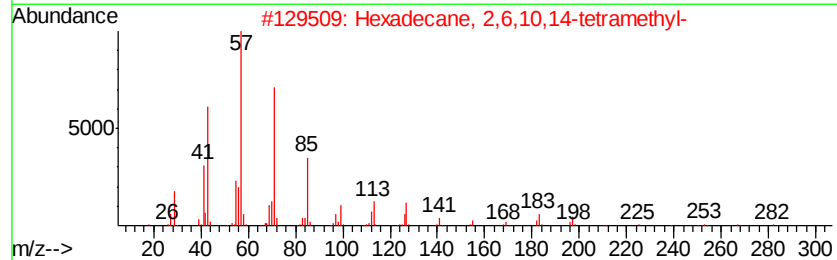
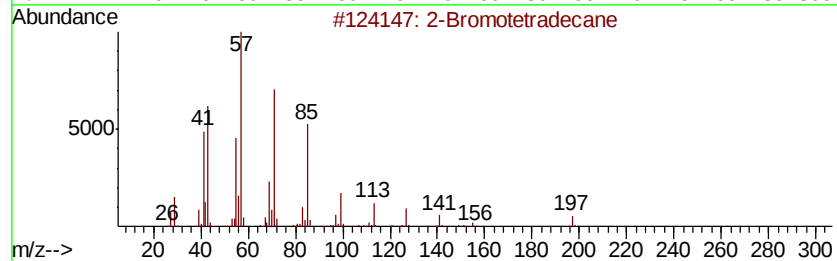
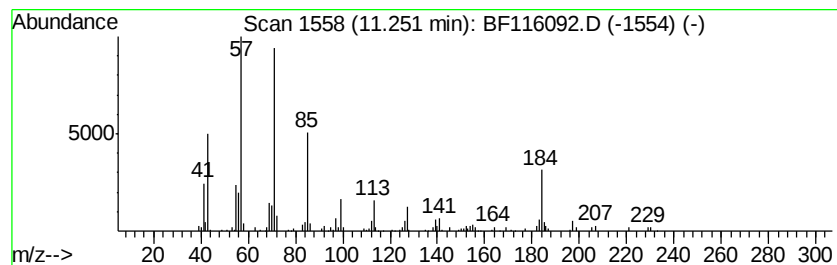
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TIC Integration Parameters: LSCINT.P

Peak Number 5 2-Bromotetradecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.25	2.16 ng	137601	Phenanthrene-d10	11.36

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		2-Bromotetradecane	276	C14H29Br	074036-95-6	90
2		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	87
3		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	72
4		Hexadecane	226	C16H34	000544-76-3	72
5		Eicosane	282	C20H42	000112-95-8	64



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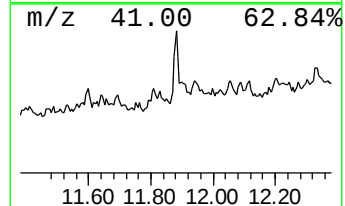
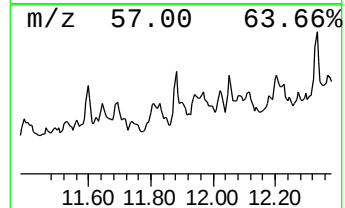
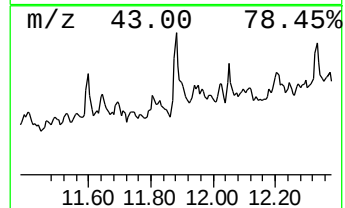
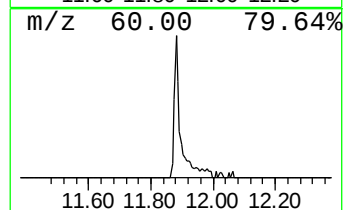
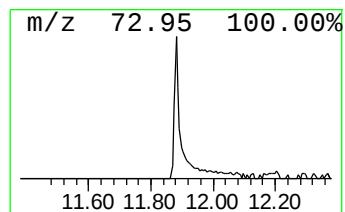
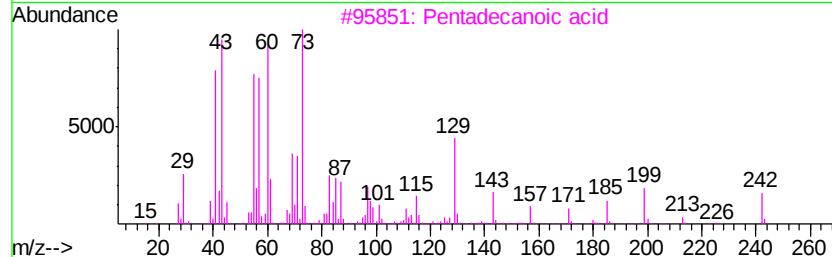
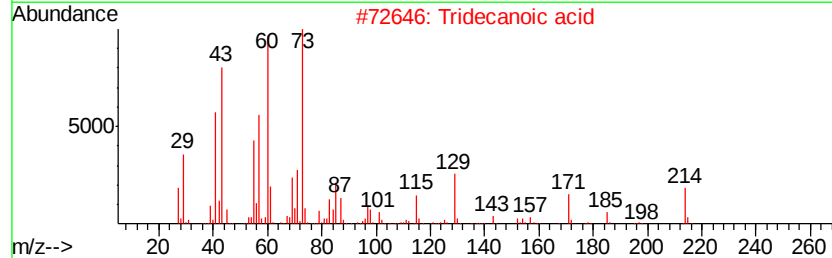
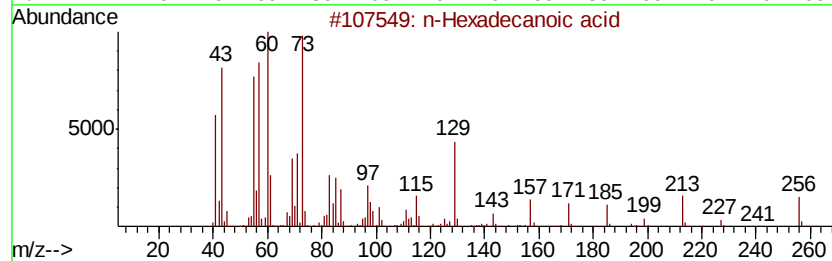
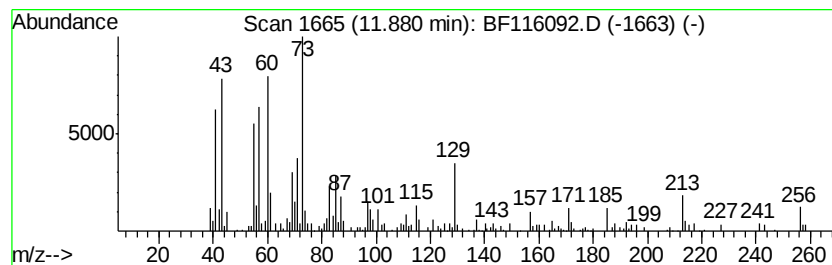
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Peak Number 6 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.88	2.60 ng	165463	Phenanthrene-d10	11.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2		Tridecanoic acid	214	C13H26O2	000638-53-9	83
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	76
4		Dodecanoic acid	200	C12H24O2	000143-07-7	74
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080819\
Data File : BF116092.D
Acq On : 9 Aug 2019 2:31
Operator : HP/JU
Sample : K4162-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RT-3407

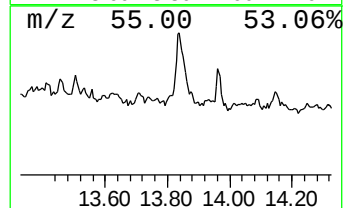
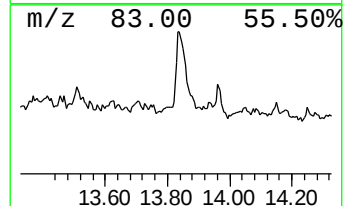
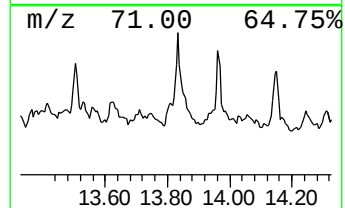
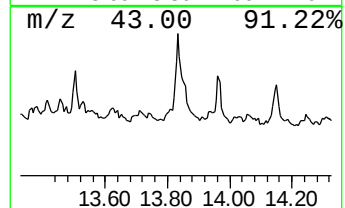
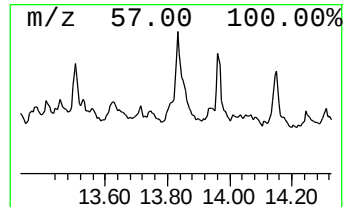
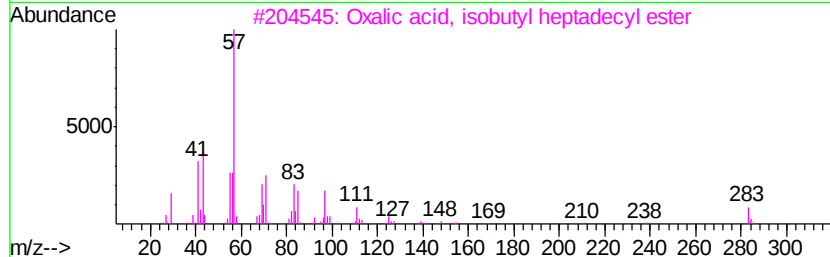
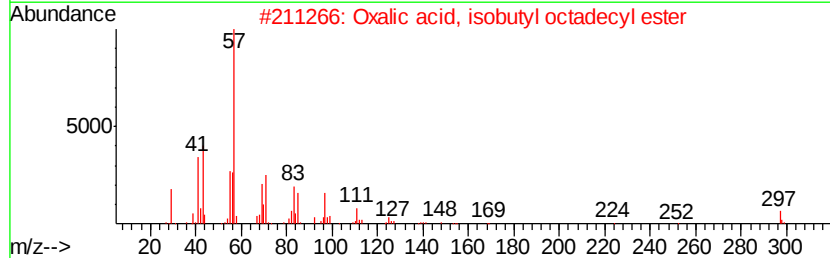
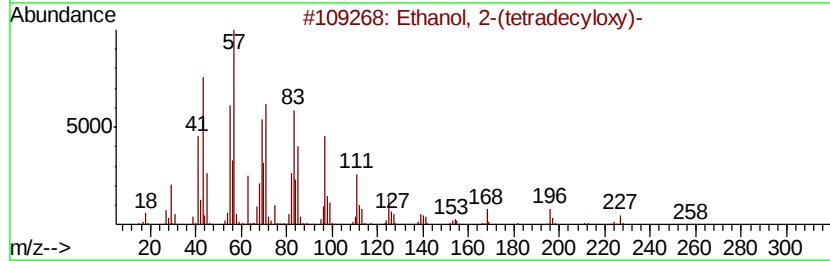
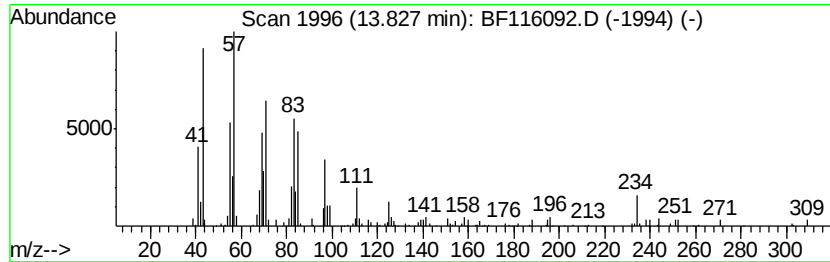
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Ethanol, 2-(tetradecyloxy)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.83	7.81 ng	344859	Chrysene-d12	14.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	90
2		Oxalic acid, isobutyl octadecyl ...	398	C24H46O4	1000309-38-3	87
3		Oxalic acid, isobutyl heptadecyl...	384	C23H44O4	1000309-38-2	87
4		Cyclotetradecane	196	C14H28	000295-17-0	78
5		Octacosyl heptafluorobutyrate	606	C32H57F7O2	1000351-83-6	74



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF080819\
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Acq On : 9 Aug 2019 2:31
Operator : HP/JU
Sample : K4162-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RT-3407

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.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...	2.11	15.4	ng	670592	1	6.84	870669	20.0
unknown6.61	6.61	66.0	ng	2873940	1	6.84	870669	20.0
Hexadecane, 2,6,1...	10.79	2.0	ng	130510	4	11.36	1273740	20.0
2-Bromotetradecane	11.25	2.2	ng	137601	4	11.36	1273740	20.0
n-Hexadecanoic acid	11.88	2.6	ng	165463	4	11.36	1273740	20.0
Ethanol, 2-(tetra...	13.83	7.8	ng	344859	5	14.00	883405	20.0