

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112219\
 Data File : BF117938.D
 Acq On : 23 Nov 2019 00:30
 Operator : JU
 Sample : K5839-09
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PHIPPS-BH-SW-02

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-BF111319.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	2.216	15	22	34	rVB	656560	859269	15.86%	2.013%
2	5.122	507	516	527	rBV	799587	978329	18.06%	2.292%
3	5.522	579	584	587	rBV	3149284	3107589	57.36%	7.279%
4	6.528	749	755	764	rBV	3539318	3801475	70.17%	8.905%
5	6.669	775	779	783	rBV	3803197	3782986	69.83%	8.861%
6	6.904	815	819	822	rBV	1384906	1128781	20.84%	2.644%
7	7.063	841	846	849	rBV	3307086	3187705	58.84%	7.467%
8	7.463	909	914	917	rBV	2354650	2367532	43.70%	5.546%
9	8.192	1033	1038	1041	rBV	1568701	1505708	27.79%	3.527%
10	9.269	1216	1221	1224	rBV	5250516	4922692	90.87%	11.531%
11	9.663	1284	1288	1291	rBV	302985	269062	4.97%	0.630%
12	9.951	1332	1337	1341	rBV	2142079	1810276	33.42%	4.240%
13	10.739	1467	1471	1475	rBV	2637634	2620617	48.37%	6.139%
14	11.445	1587	1591	1594	rBV	2400323	2003493	36.98%	4.693%
15	11.510	1598	1602	1606	rVB3	67141	57307	1.06%	0.134%
16	11.969	1676	1680	1688	rVB	410933	429396	7.93%	1.006%
17	12.663	1794	1798	1809	rBV	83523	127765	2.36%	0.299%
18	12.751	1810	1813	1827	rVV	184031	224363	4.14%	0.526%
19	12.892	1832	1837	1841	rBV	66663	84593	1.56%	0.198%
20	13.039	1857	1862	1865	rBV	5723391	5417443	100.00%	12.690%
21	13.604	1953	1958	1961	rBV2	59160	58476	1.08%	0.137%
22	13.933	2010	2014	2025	rBV2	208035	312511	5.77%	0.732%
23	14.092	2037	2041	2044	rBV	1846691	1663701	30.71%	3.897%
24	14.251	2063	2068	2073	rBV	121295	122760	2.27%	0.288%
25	14.557	2116	2120	2127	rBV	149307	165058	3.05%	0.387%
26	14.874	2170	2174	2178	rVB	146497	141585	2.61%	0.332%
27	15.227	2229	2234	2237	rBV	130583	146418	2.70%	0.343%
28	15.598	2291	2297	2300	rBV	867558	1139272	21.03%	2.669%
29	15.621	2300	2301	2310	rVB	96708	100995	1.86%	0.237%
30	16.080	2374	2379	2386	rVB	65570	97677	1.80%	0.229%
31	16.609	2464	2469	2475	rBV2	30242	56582	1.04%	0.133%

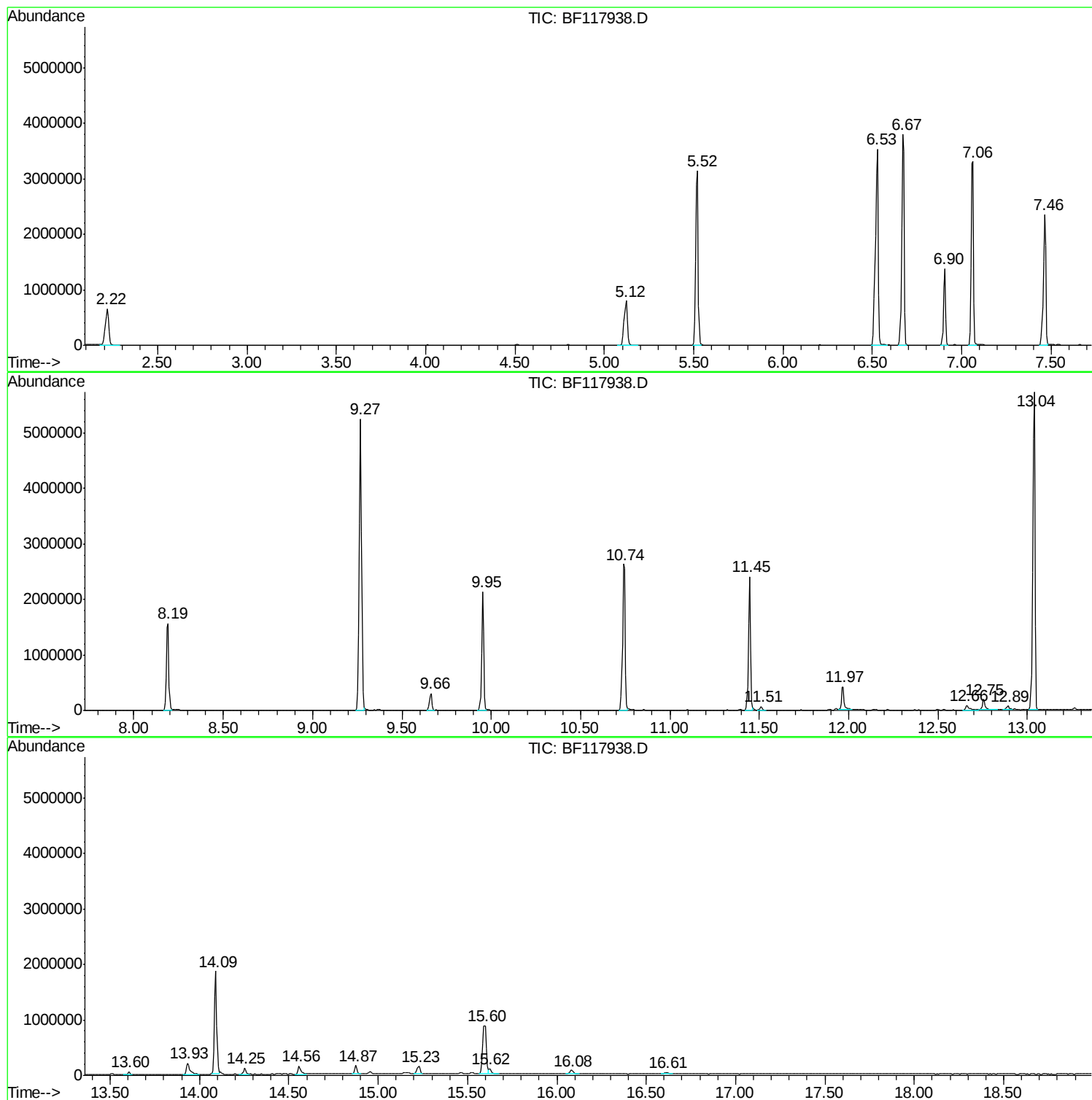
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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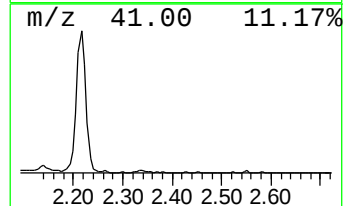
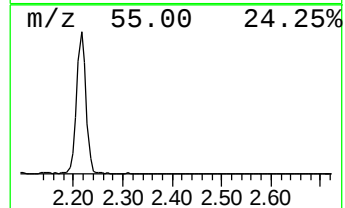
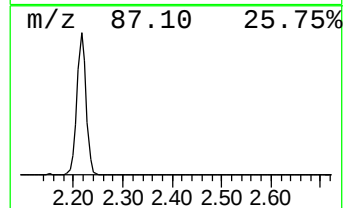
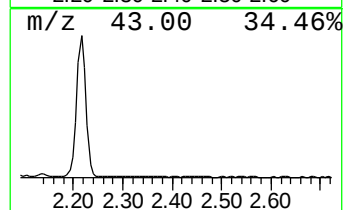
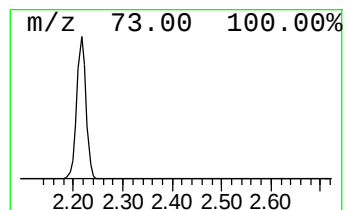
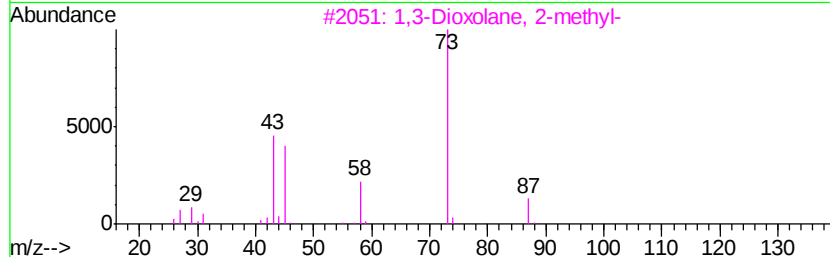
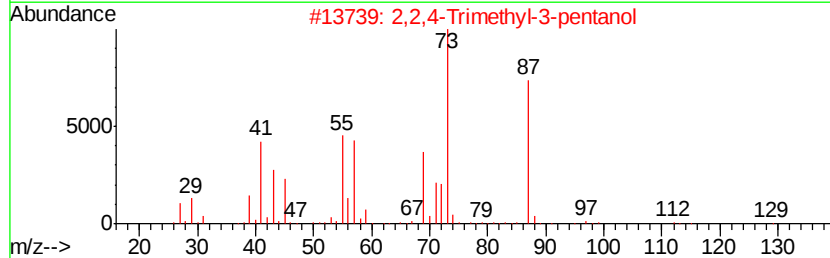
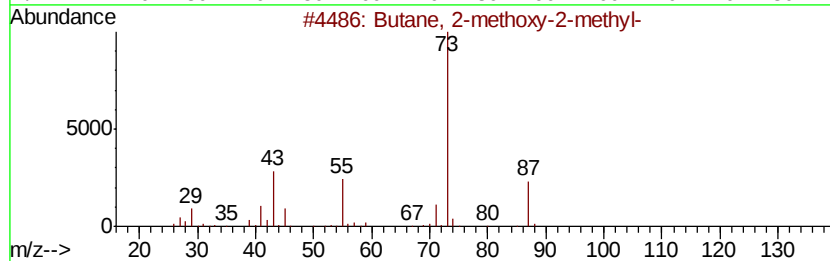
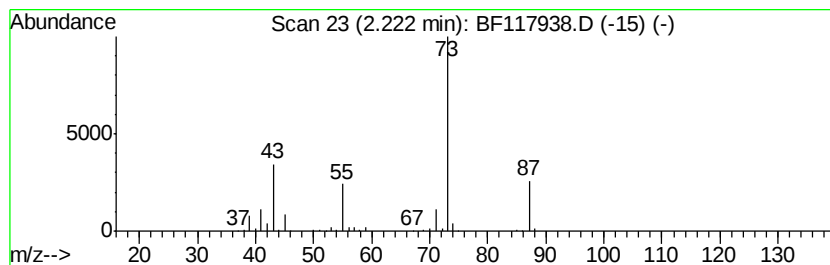
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.22	15.22 ng	859269	1,4-Dichlorobenzene-d4	6.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
4		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5		Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	22



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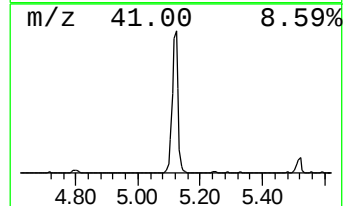
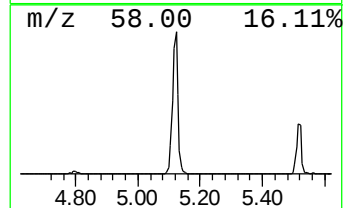
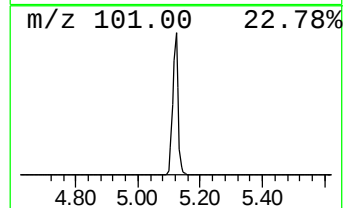
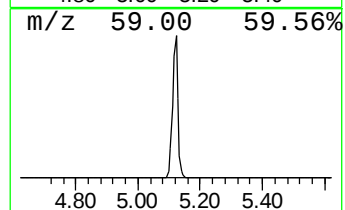
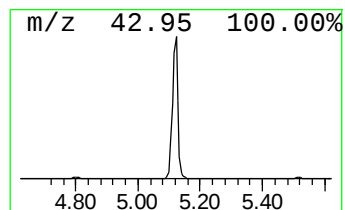
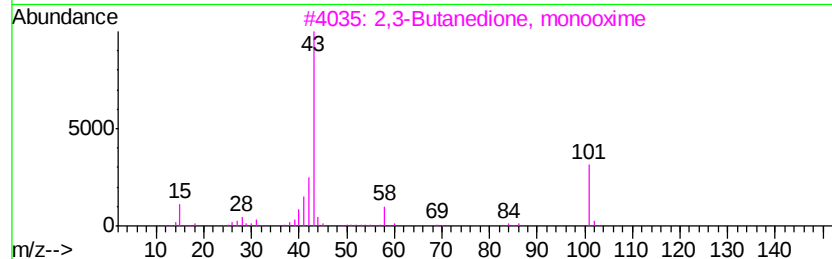
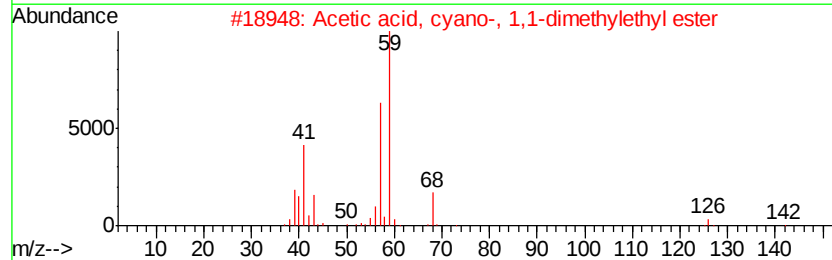
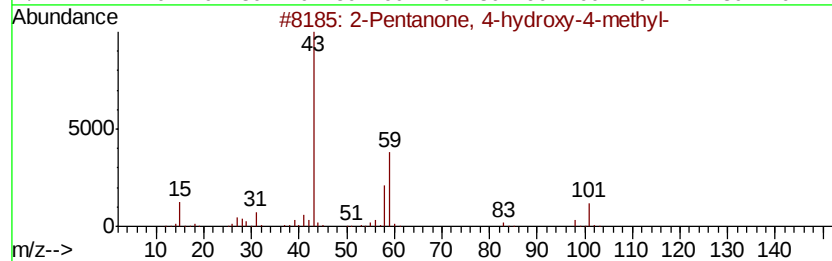
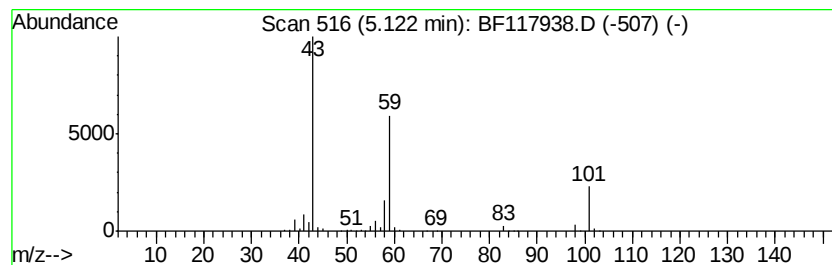
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Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.12	17.33 ng	978329	1,4-Dichlorobenzene-d4	6.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2		Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	32
3		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	17
4		Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5		(+)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9



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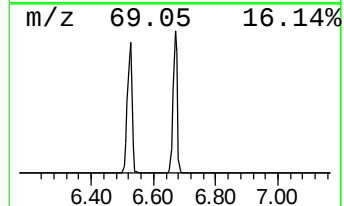
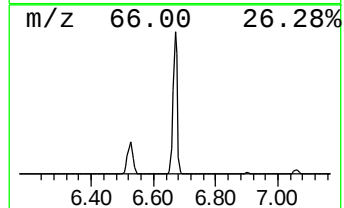
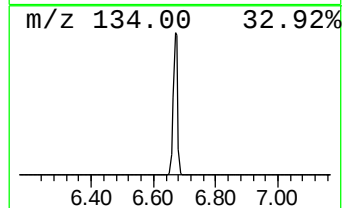
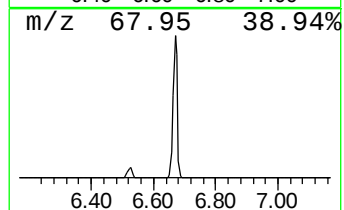
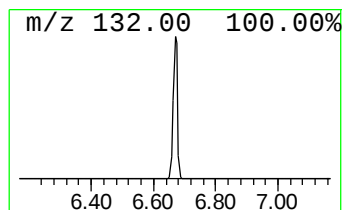
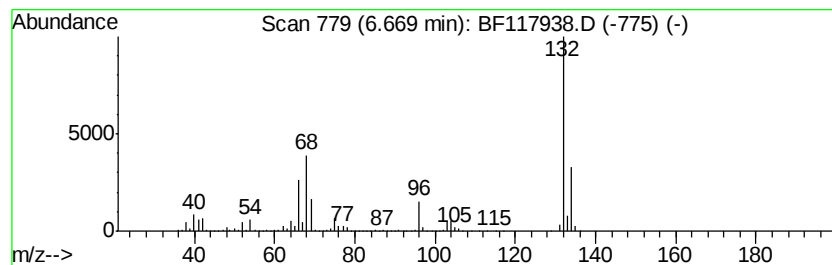
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Peak Number 3 unknown6.67 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.67	67.03 ng	3782990	1,4-Dichlorobenzene-d4	6.90

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	17
3		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	10
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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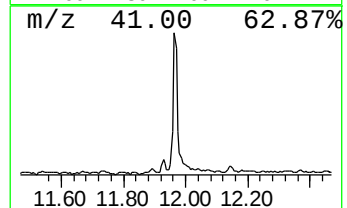
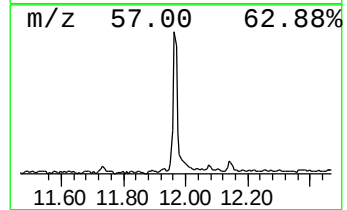
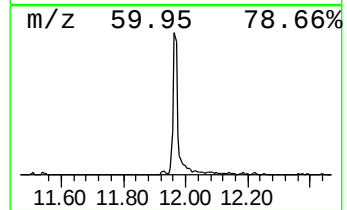
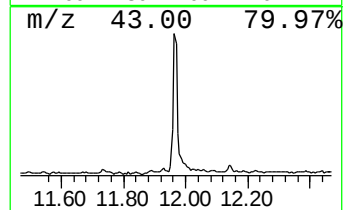
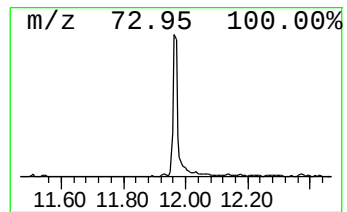
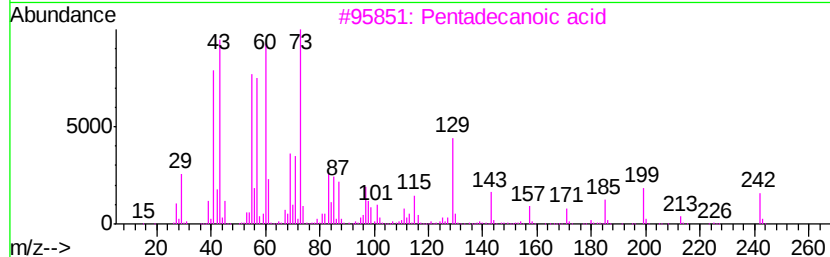
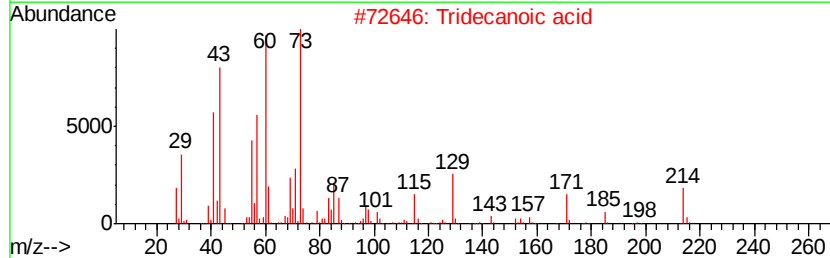
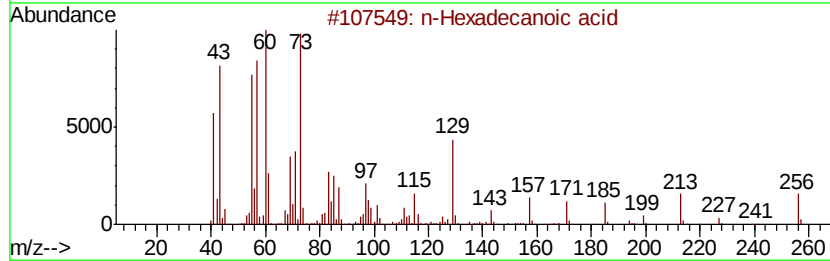
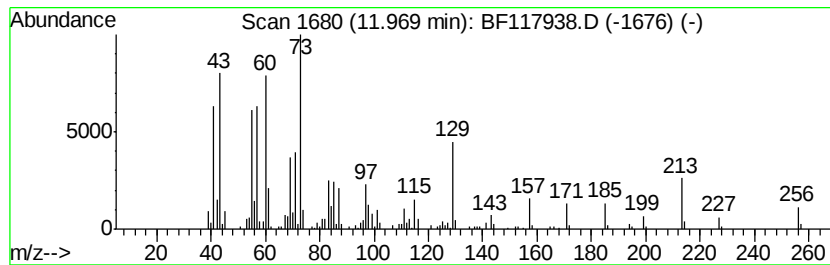
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Peak Number 5 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.97	4.29 ng	429396	Phenanthrene-d10	11.45

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		Tridecanoic acid	214	C13H26O2	000638-53-9	91
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	83
5		n-Decanoic acid	172	C10H20O2	000334-48-5	76



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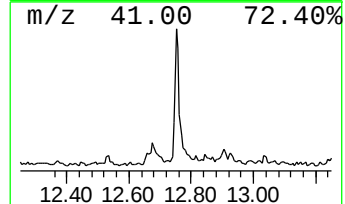
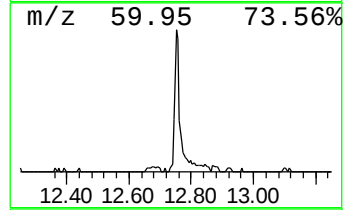
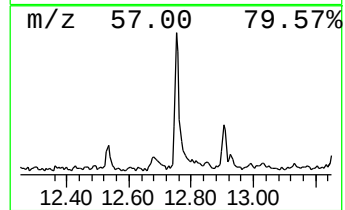
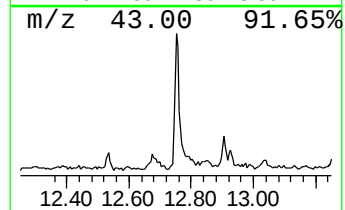
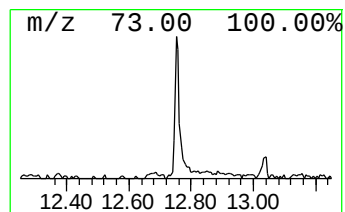
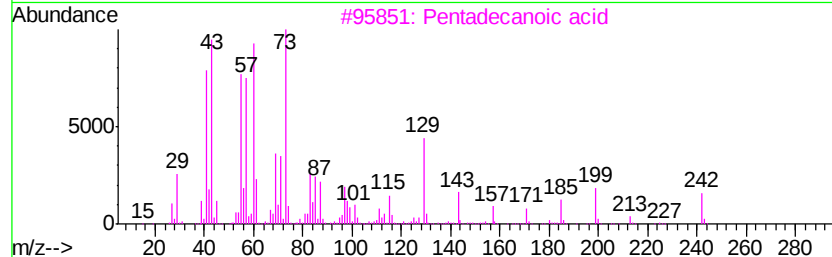
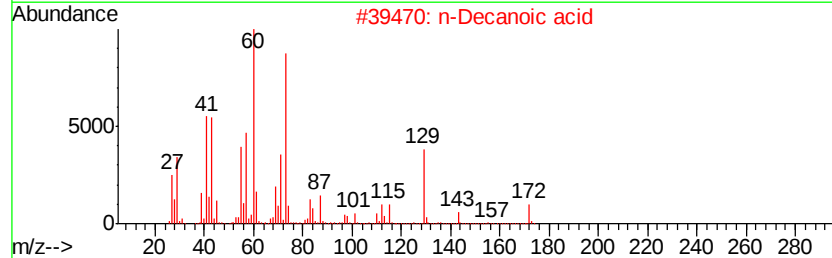
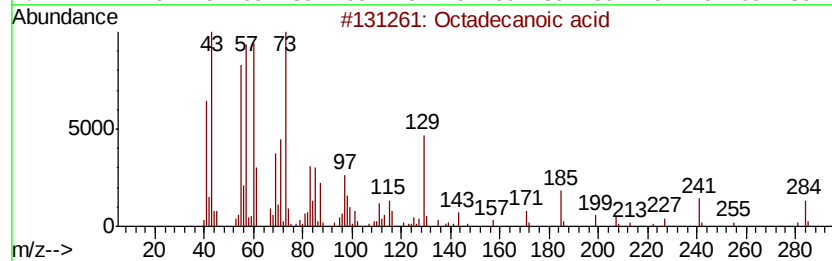
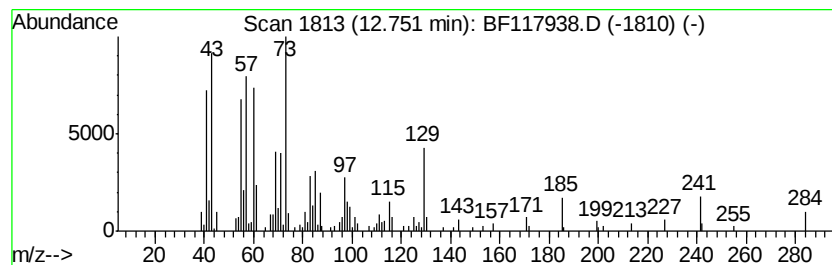
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 6 Octadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.75	2.24 ng	224363	Phenanthrene-d10	11.45

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2		n-Decanoic acid	172	C10H20O2	000334-48-5	76
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	64
4		Oxalic acid, isobutyl tetradecyl...	342	C20H38O4	1000309-37-9	18
5		Oxalic acid, allyl hexadecyl ester	354	C21H38O4	1000309-24-4	11



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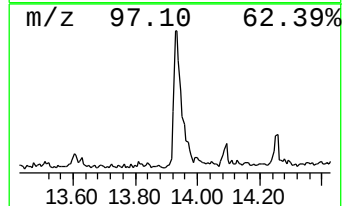
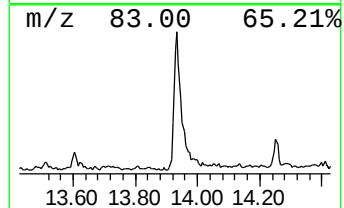
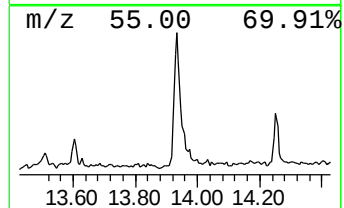
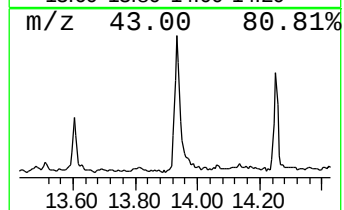
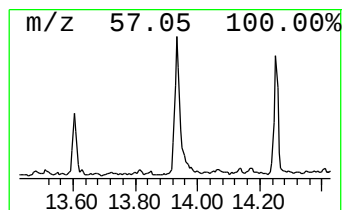
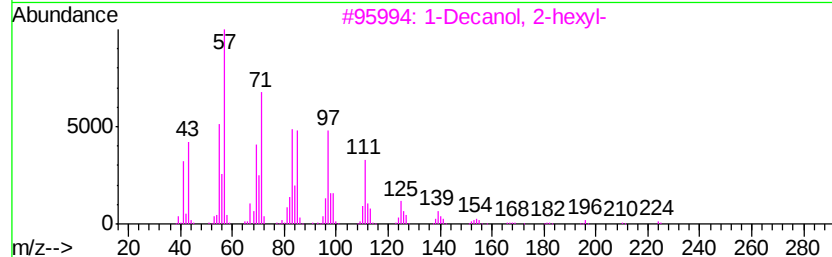
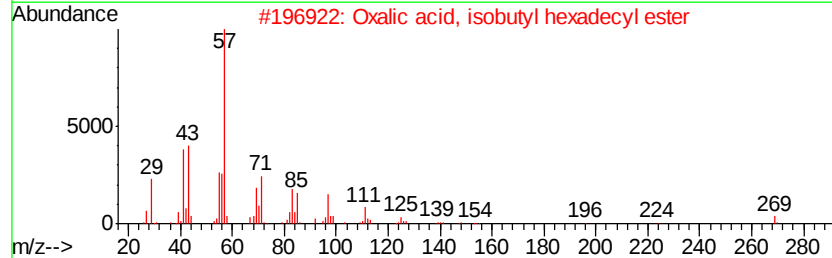
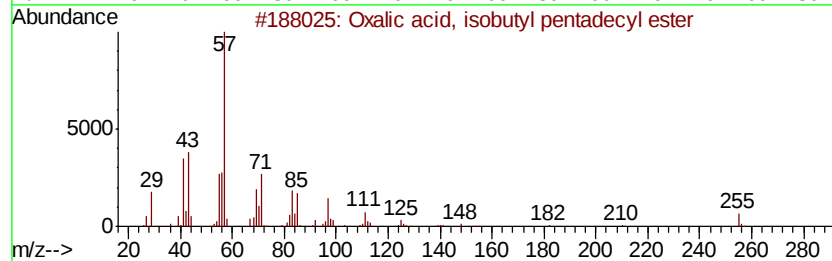
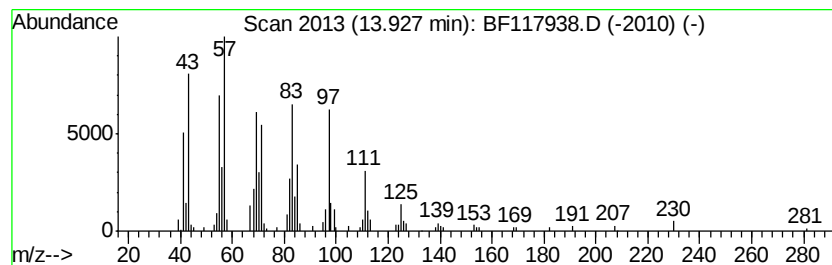
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ClientSampleId :
PHIPPS-BH-SW-02

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Oxalic acid, isobutyl penta... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.93	3.76 ng	312511	Chrysene-d12	14.09	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalic acid, isobutyl pentadecyl...	356	C21H40O4	1000309-38-0	91
2	Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	91
3	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	90
4	Octacosyl trifluoroacetate	506	C30H57F3O2	1000351-74-9	87
5	1-Dodecanol, 2-hexyl-	270	C18H38O	110225-00-8	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112219\
 Data File : BF117938.D
 Acq On : 23 Nov 2019 00:30
 Operator : JU
 Sample : K5839-09
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PHIPPS-BH-SW-02

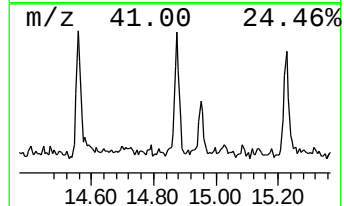
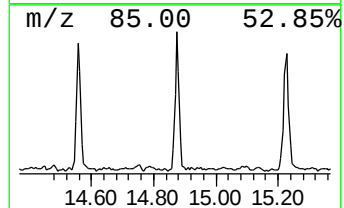
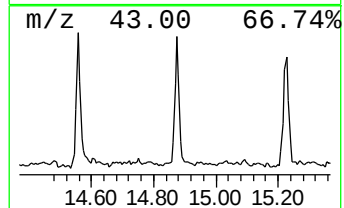
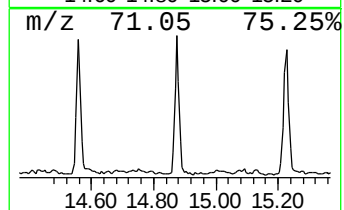
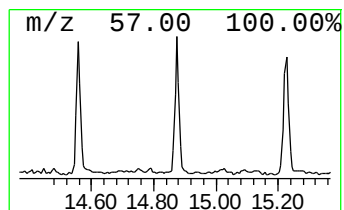
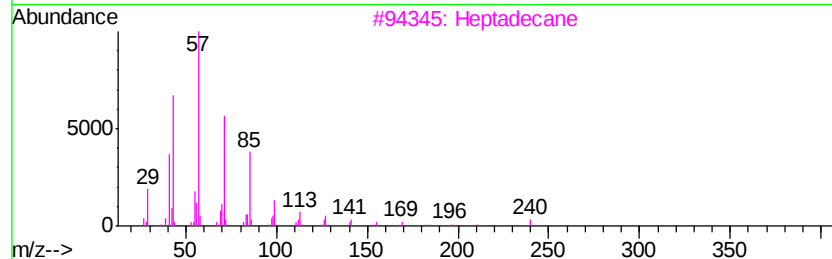
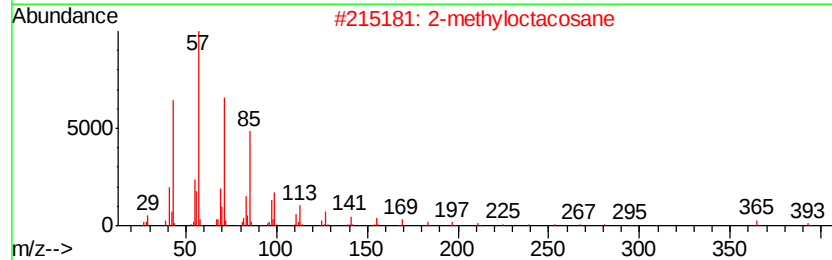
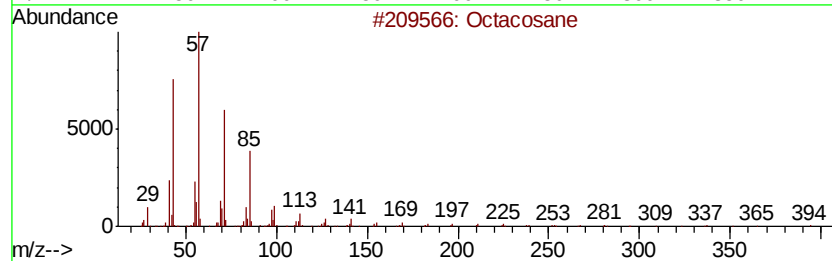
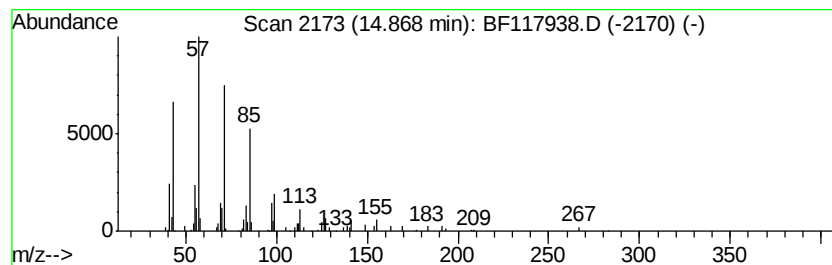
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 8 Octacosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.87	2.49 ng	141585	Perylene-d12	15.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	91
2		2-methyloctacosane	408	C29H60	1000376-72-8	91
3		Heptadecane	240	C17H36	000629-78-7	91
4		Hexacosane	366	C26H54	000630-01-3	90
5		Heneicosane	296	C21H44	000629-94-7	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112219\
Data File : BF117938.D
Acq On : 23 Nov 2019 00:30
Operator : JU
Sample : K5839-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

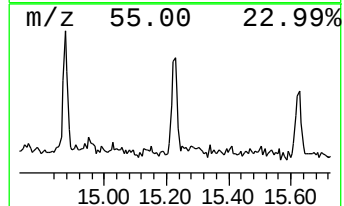
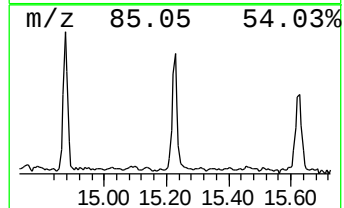
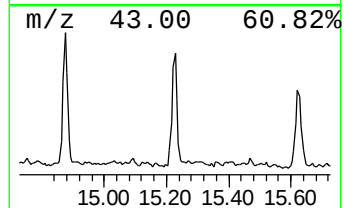
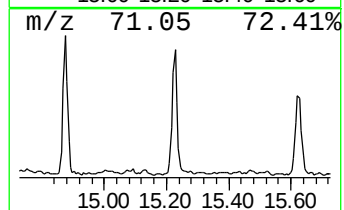
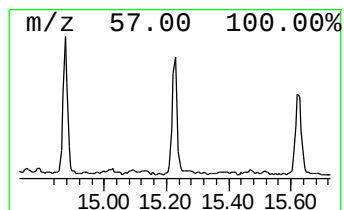
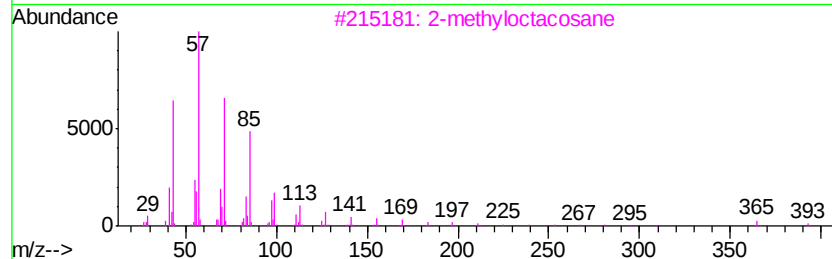
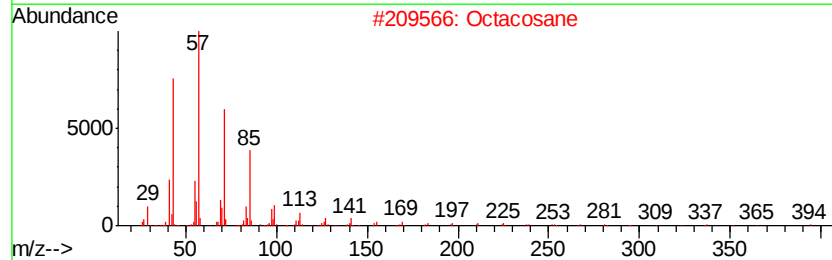
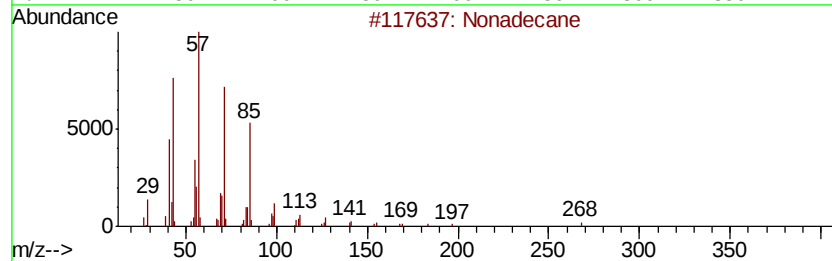
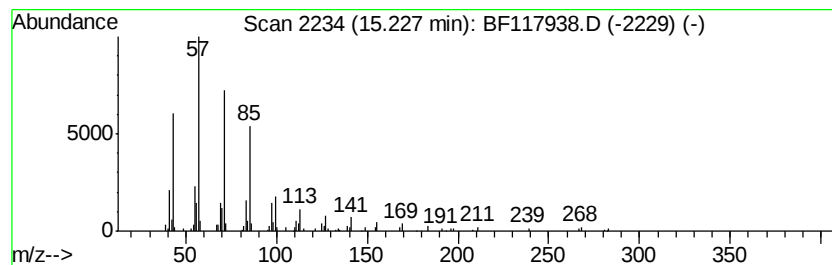
Instrument :
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ClientSampleId :
PHIPPS-BH-SW-02

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Nonadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.23	2.57 ng	146418	Perylene-d12	15.60
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Nonadecane	268 C19H40	000629-92-5	93
2	Octacosane	394 C28H58	000630-02-4	91
3	2-methyloctacosane	408 C29H60	1000376-72-8	91
4	Heptadecane, 9-octyl-	352 C25H52	007225-64-1	91
5	Hexacosane	366 C26H54	000630-01-3	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF112219\
Data File : BF117938.D
Acq On : 23 Nov 2019 00:30
Operator : JU
Sample : K5839-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PHIPPS-BH-SW-02

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.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...	2.22	15.2	ng	859269	1	6.90	1128780	20.0
2-Pentanone, 4-hy...	5.12	17.3	ng	978329	1	6.90	1128780	20.0
unknown6.67	6.67	67.0	ng	3782990	1	6.90	1128780	20.0
n-Hexadecanoic acid	11.97	4.3	ng	429396	4	11.45	2003490	20.0
Octadecanoic acid	12.75	2.2	ng	224363	4	11.45	2003490	20.0
Oxalic acid, isob...	13.93	3.8	ng	312511	5	14.09	1663700	20.0
Octacosane	14.87	2.5	ng	141585	6	15.60	1139270	20.0
Nonadecane	15.23	2.6	ng	146418	6	15.60	1139270	20.0