

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF112619\
 Data File : BF118017.D
 Acq On : 26 Nov 2019 19:52
 Operator : JU
 Sample : K5959-06 2X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WS-112019-0-2-COMP-B4

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	2.157	7	12	21	rVB	305906	382287	26.83%	2.366%
2	4.481	403	407	413	rVB	26637	30140	2.12%	0.187%
3	5.092	507	511	522	rVB	180465	187289	13.15%	1.159%
4	5.504	577	581	589	rBV	1127883	945655	66.38%	5.853%
5	5.728	616	619	626	rVB	15622	17355	1.22%	0.107%
6	6.516	749	753	765	rBV	1271996	1076586	75.57%	6.664%
7	6.663	774	778	781	rBV	1278826	1122220	78.78%	6.946%
8	6.728	785	789	793	rBV2	20116	21135	1.48%	0.131%
9	6.892	814	817	821	rBV	1079376	851097	59.74%	5.268%
10	7.051	840	844	847	rBV	1302317	1037547	72.83%	6.422%
11	7.451	908	912	917	rBV	791072	703947	49.41%	4.357%
12	7.751	961	963	969	rVB	77698	66698	4.68%	0.413%
13	8.180	1032	1036	1039	rBV	1150766	906153	63.61%	5.609%
14	8.204	1039	1040	1043	rVB	56504	28739	2.02%	0.178%
15	8.398	1070	1073	1077	rBV	41651	36329	2.55%	0.225%
16	8.457	1079	1083	1090	rVV	52226	45887	3.22%	0.284%
17	8.898	1154	1158	1165	rVB2	31842	29540	2.07%	0.183%
18	8.998	1171	1175	1178	rBV	21402	17529	1.23%	0.109%
19	9.257	1216	1219	1223	rBV	1683982	1424587	100.00%	8.818%
20	9.339	1230	1233	1235	rBV	23479	18278	1.28%	0.113%
21	9.651	1283	1286	1296	rVB	190941	163889	11.50%	1.014%
22	9.804	1309	1312	1316	rBV	35165	31133	2.19%	0.193%
23	9.869	1320	1323	1328	rVV	20476	19862	1.39%	0.123%
24	9.945	1332	1336	1340	rVV	1231342	1011445	71.00%	6.261%
25	9.974	1340	1341	1347	rVB	22157	19838	1.39%	0.123%
26	10.151	1368	1371	1374	rVB2	21361	18103	1.27%	0.112%
27	10.733	1467	1470	1478	rBV	575395	490213	34.41%	3.034%
28	10.845	1486	1489	1490	rBV2	23594	17617	1.24%	0.109%
29	10.863	1490	1492	1499	rVB3	23696	23464	1.65%	0.145%
30	11.239	1553	1556	1560	rVB	15335	17315	1.22%	0.107%
31	11.333	1568	1572	1576	rVB4	16143	19474	1.37%	0.121%
32	11.439	1586	1590	1592	rBV	1053237	851697	59.79%	5.272%
33	11.463	1592	1594	1597	rVV	126458	106223	7.46%	0.658%
34	11.510	1599	1602	1606	rVB	41298	45110	3.17%	0.279%

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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	11.668	1627	1629	1634	rBV2	13570	19918	1.40%	0.123%
36	11.721	1634	1638	1642	rVB4	15234	18267	1.28%	0.113%
37	11.957	1671	1678	1684	rBV2	77137	146325	10.27%	0.906%
38	12.051	1690	1694	1697	rBV2	32593	40207	2.82%	0.249%
39	12.074	1697	1698	1702	rVB	24799	17132	1.20%	0.106%
40	12.263	1728	1730	1737	rVB7	13153	16475	1.16%	0.102%
41	12.492	1767	1769	1772	rBV	32588	31179	2.19%	0.193%
42	12.521	1772	1774	1777	rVV2	24511	25689	1.80%	0.159%
43	12.580	1781	1784	1787	rBV2	18908	22229	1.56%	0.138%
44	12.657	1794	1797	1800	rBV	225400	189855	13.33%	1.175%
45	12.751	1810	1813	1816	rBV3	46330	44021	3.09%	0.272%
46	12.886	1831	1836	1841	rBV	250420	267442	18.77%	1.655%
47	13.027	1856	1860	1863	rBV	1350984	1147149	80.53%	7.101%
48	13.257	1896	1899	1902	rBV2	47838	65443	4.59%	0.405%
49	13.321	1906	1910	1913	rBV2	55060	78065	5.48%	0.483%
50	13.868	2001	2003	2005	rBV2	47606	50199	3.52%	0.311%
51	13.933	2012	2014	2018	rBV3	70360	88847	6.24%	0.550%
52	14.092	2036	2041	2043	rBV2	865112	872509	61.25%	5.401%
53	15.598	2294	2297	2308	rVB	525333	849565	59.64%	5.259%
54	16.333	2418	2422	2431	rBV6	94468	256064	17.97%	1.585%
55	17.121	2552	2556	2558	rBV3	72008	124483	8.74%	0.771%

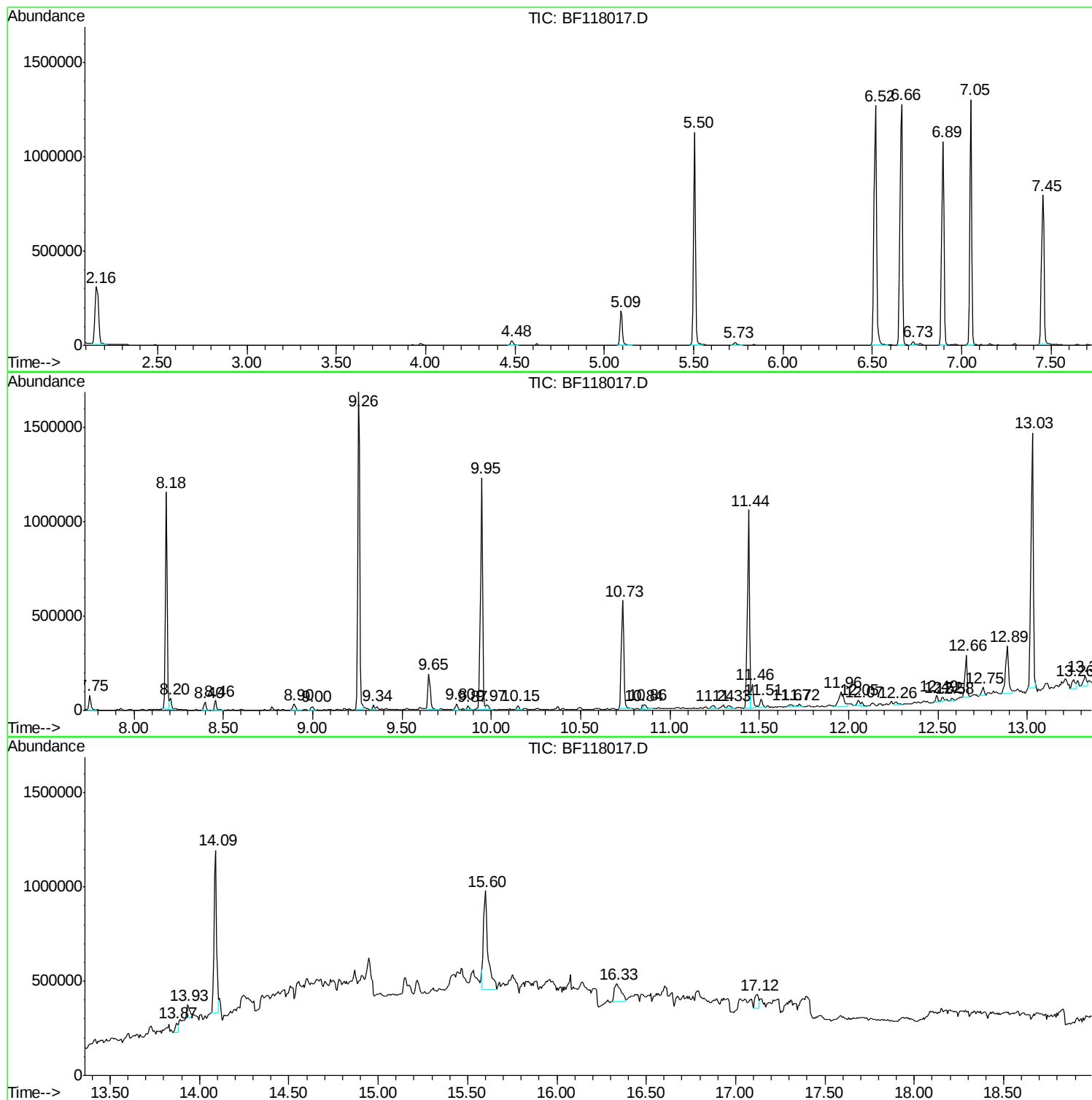
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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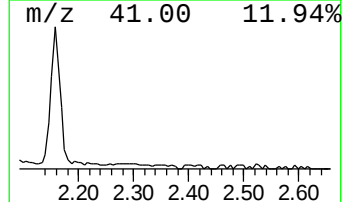
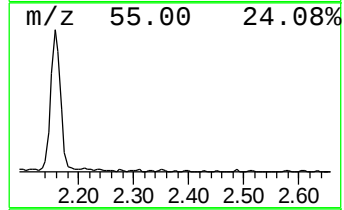
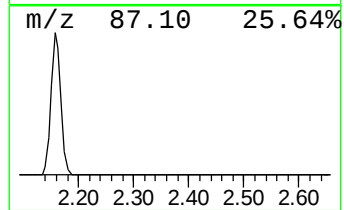
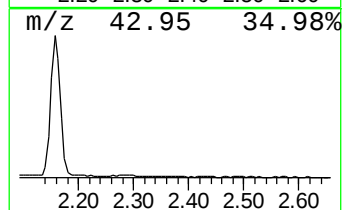
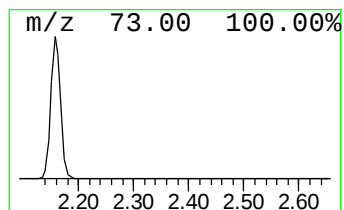
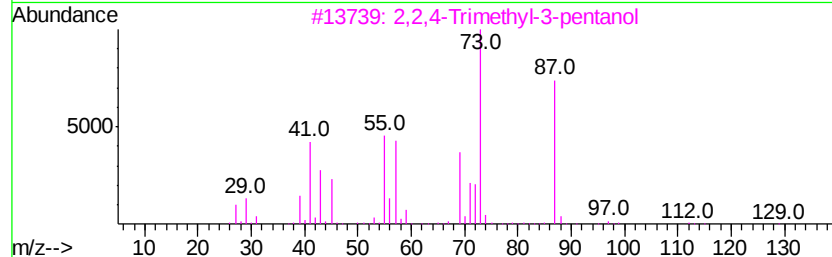
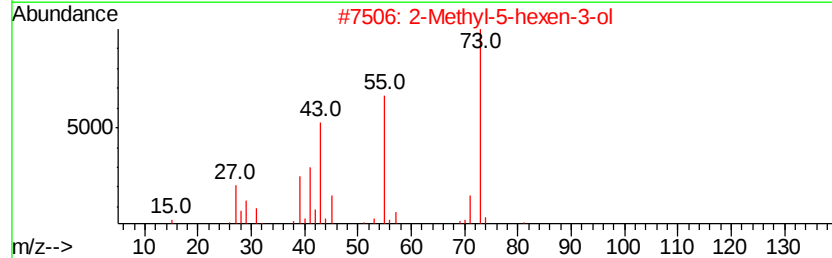
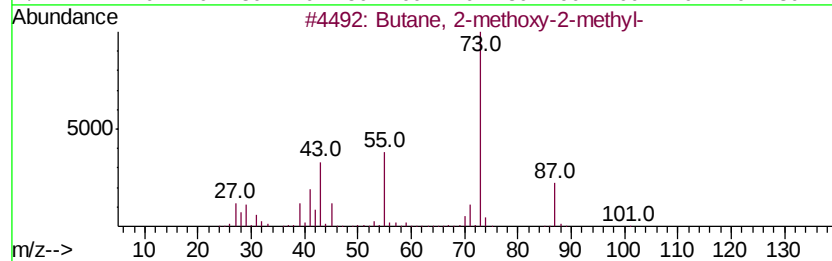
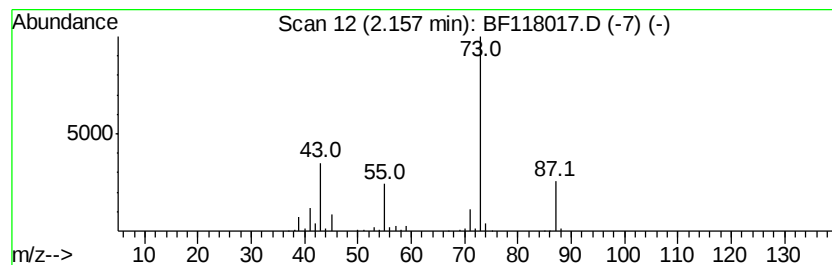
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.16	8.98 ng	382287	1,4-Dichlorobenzene-d4	6.89

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2			2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	40
3			2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
4			Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5			Silane, tetramethyl-	88	C4H12Si	000075-76-3	17



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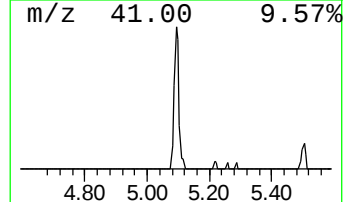
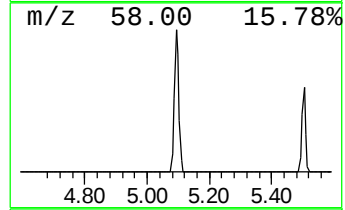
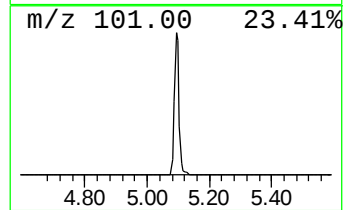
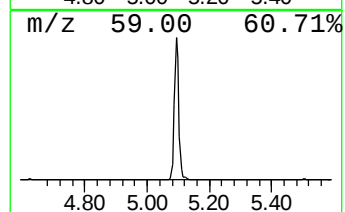
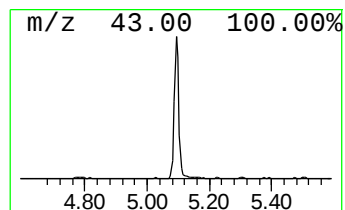
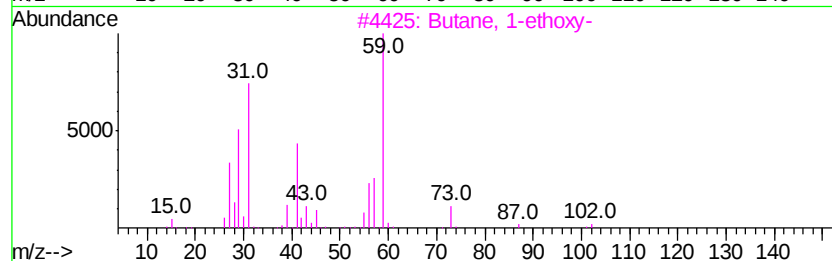
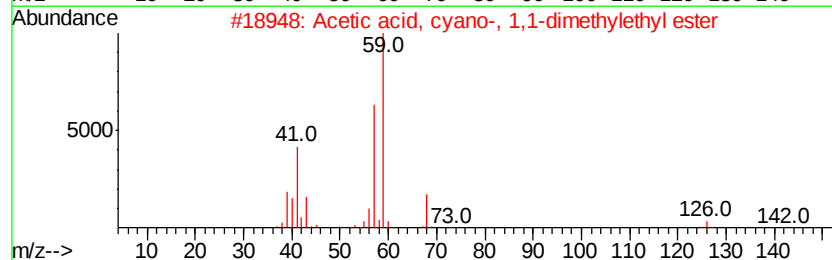
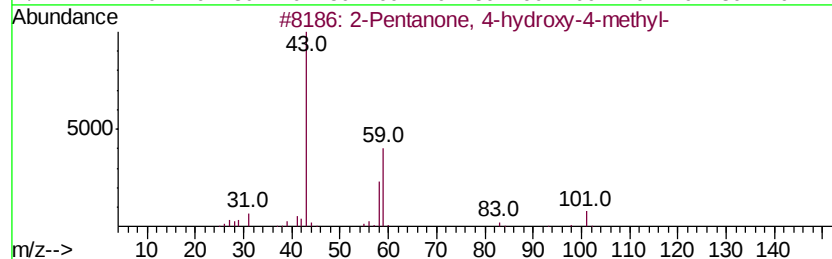
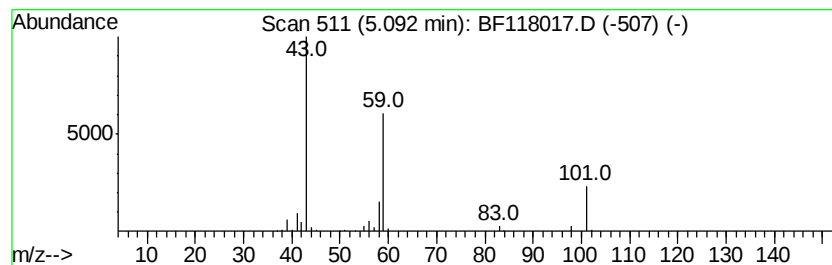
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.09	4.40 ng	187289	1,4-Dichlorobenzene-d4	6.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2		Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	25
3		Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
4		5-Hexen-2-one	98	C6H10O	000109-49-9	9
5		Butane	58	C4H10	000106-97-8	9



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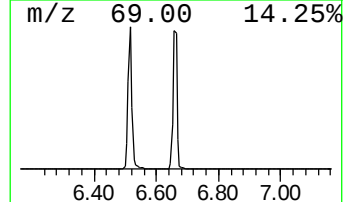
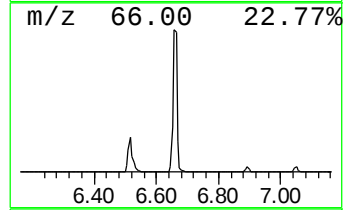
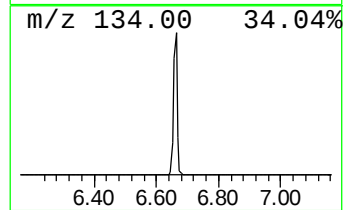
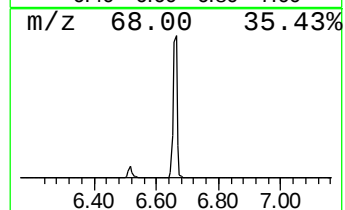
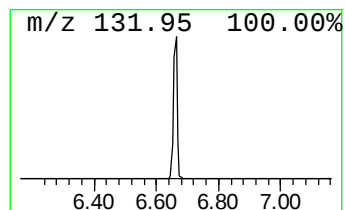
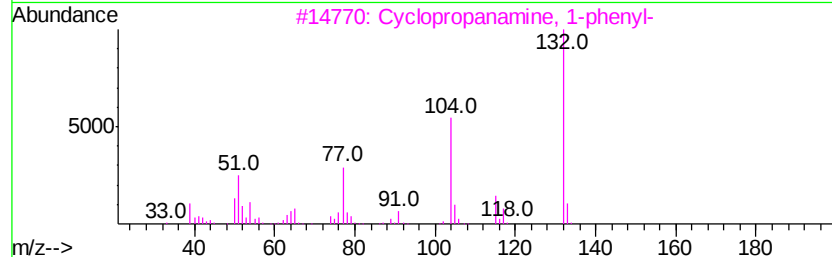
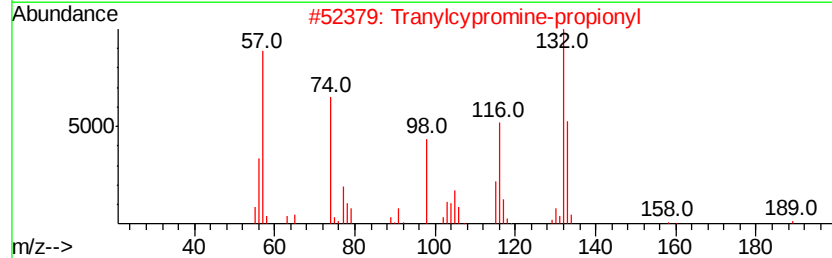
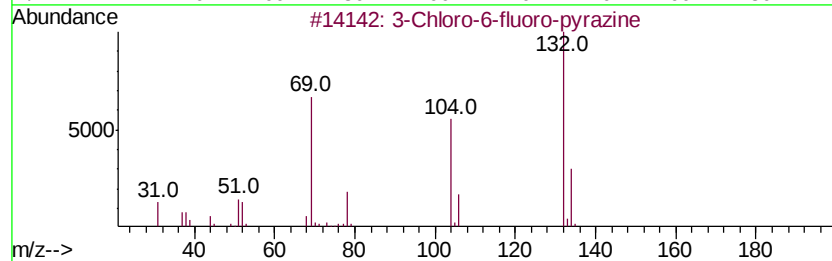
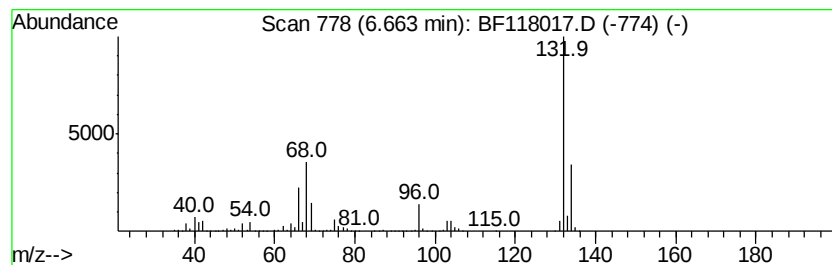
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown6.66 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.66	26.37 ng	1122220	1,4-Dichlorobenzene-d4	6.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	25
2		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	16
3		Cyclopropanamine, 1-phenyl-	133	C9H11N	1000351-26-2	9
4		1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9
5		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9



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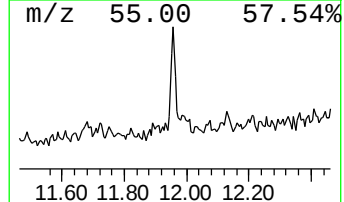
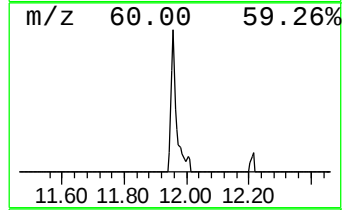
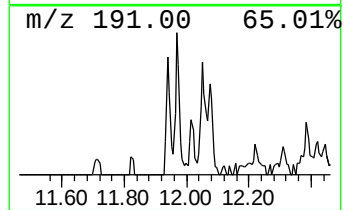
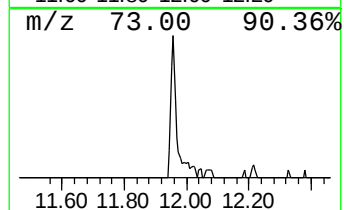
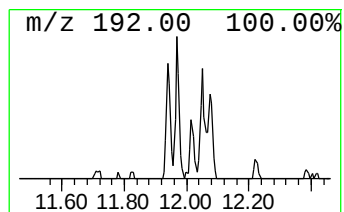
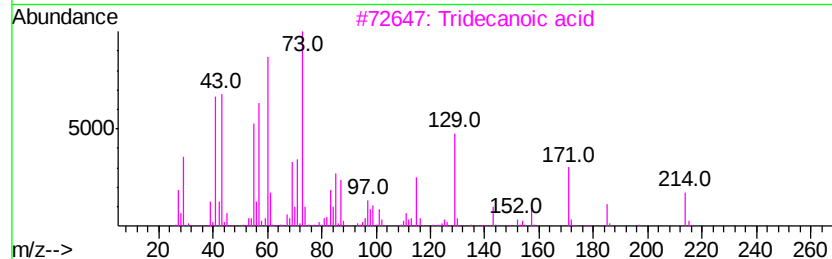
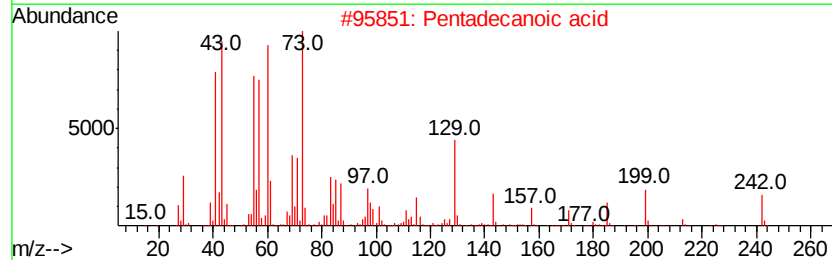
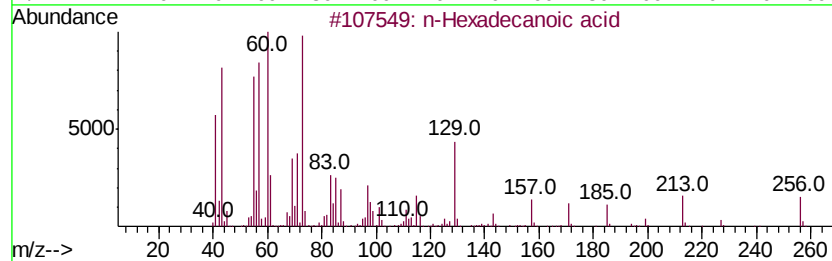
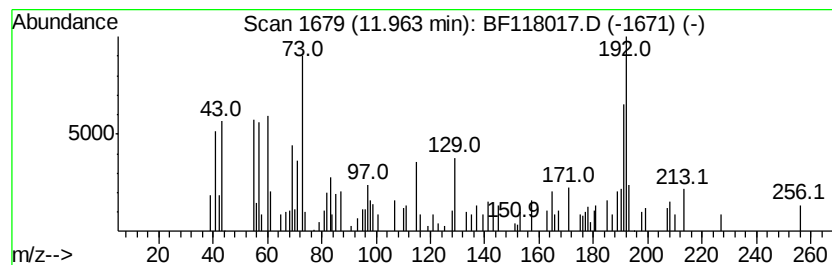
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TIC Integration Parameters: LSCINT.P

Peak Number 5 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.96	3.44 ng	146325	Phenanthrene-d10		11.44
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	62
3	Tridecanoic acid	214	C13H26O2	000638-53-9	53
4	Dodecanoic acid	200	C12H24O2	000143-07-7	50
5	Lactose	342	C12H22O11	000063-42-3	49



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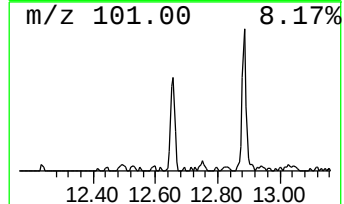
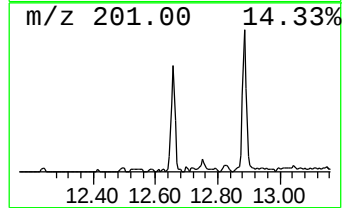
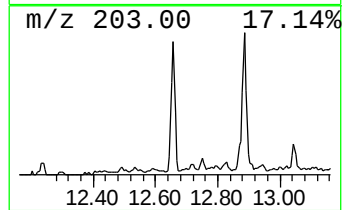
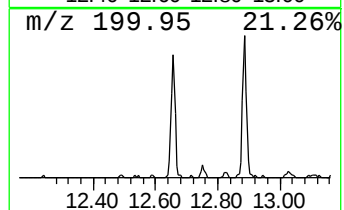
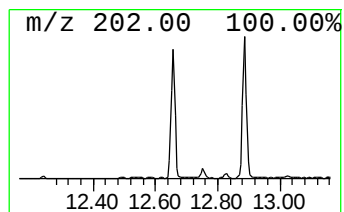
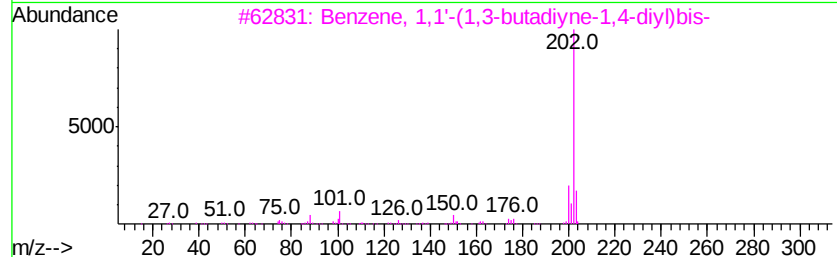
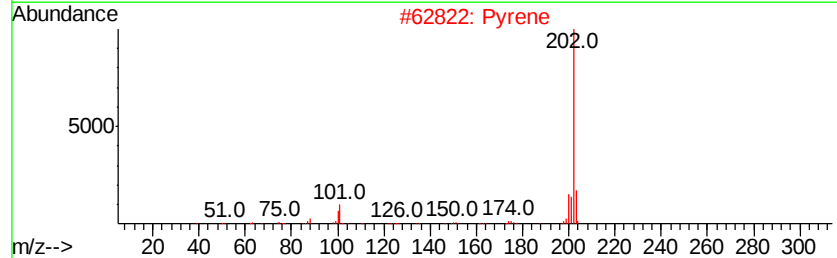
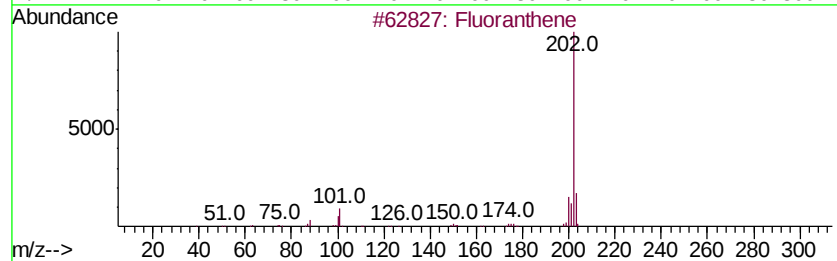
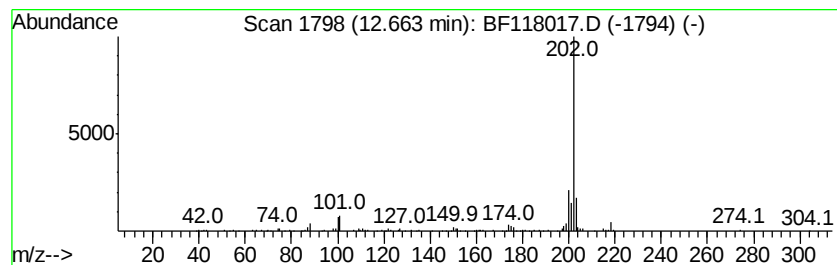
Instrument :
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ClientSampleId :
WS-112019-0-2-COMP-B4

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 6 Benzene, 1,1'-(1,3-butadiyn... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.66	4.46 ng	189855	Phenanthrene-d10	11.44	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene	202	C16H10	000206-44-0	96
2	Pyrene	202	C16H10	000129-00-0	93
3	Benzene, 1,1'-(1,3-butadiyne-1,4...	202	C16H10	000886-66-8	74
4	l-Leucine, N-methyl-N-(2-methoxy...	499	C29H57NO5	1000328-55-2	28
5	Ethanone, 1-(1,4-dihydroxy-2-nap...	202	C12H10O3	040420-48-2	9



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112619\
Data File : BF118017.D
Acq On : 26 Nov 2019 19:52
Operator : JU
Sample : K5959-06 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

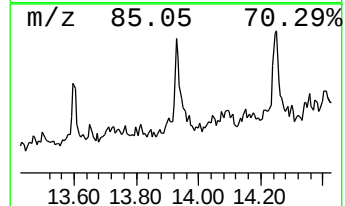
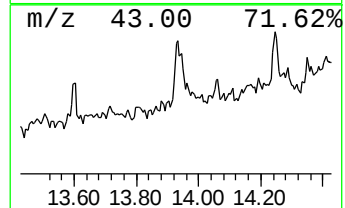
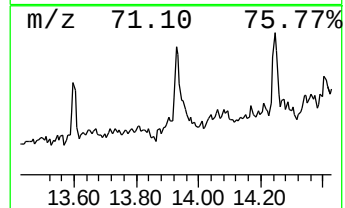
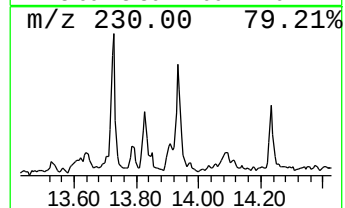
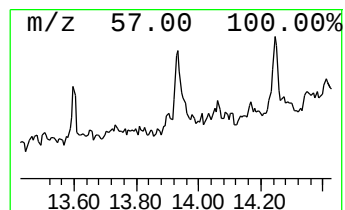
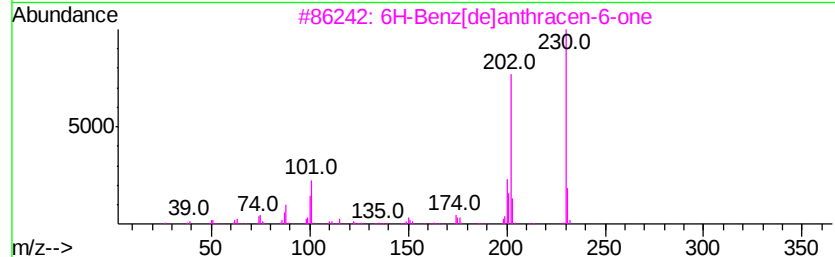
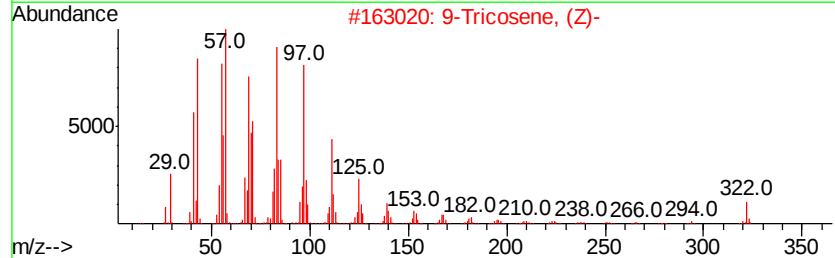
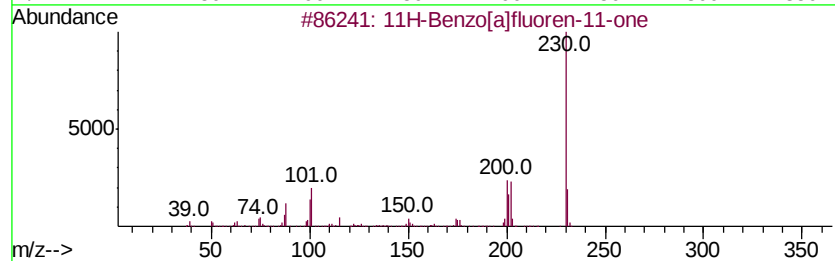
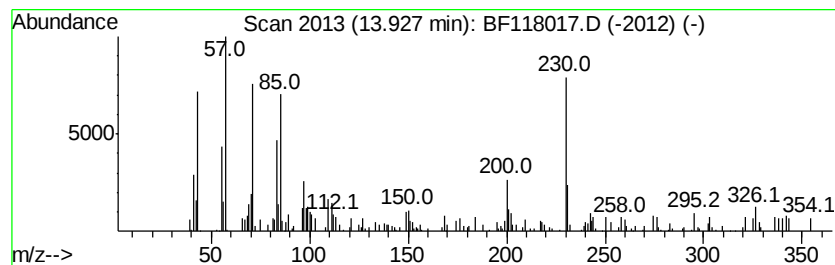
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ClientSampleId :
WS-112019-0-2-COMP-B4

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 11H-Benzo[a]fluoren-11-one Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.		
13.93	2.04 ng	88847	Chrysene-d12	14.09		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	78
2		9-Tricosene, (Z)-	322	C23H46	027519-02-4	56
3		6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	49
4		9-Xanthene, 3-chloro-	230	C13H7ClO2	027063-50-9	43
5		7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112619\
Data File : BF118017.D
Acq On : 26 Nov 2019 19:52
Operator : JU
Sample : K5959-06 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

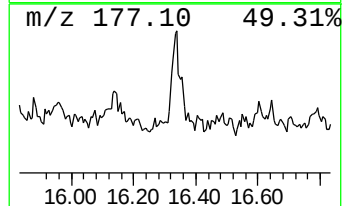
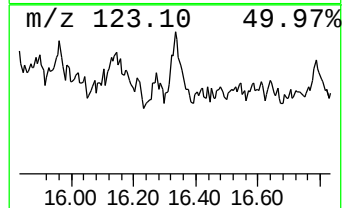
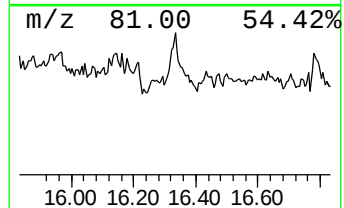
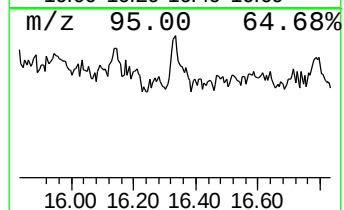
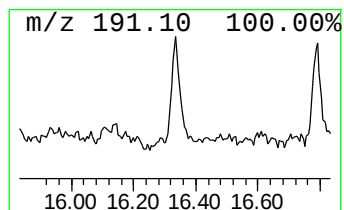
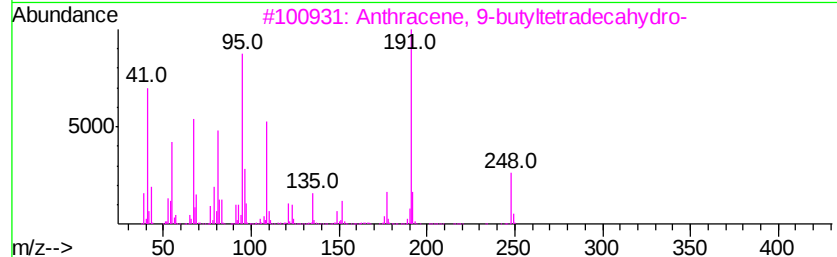
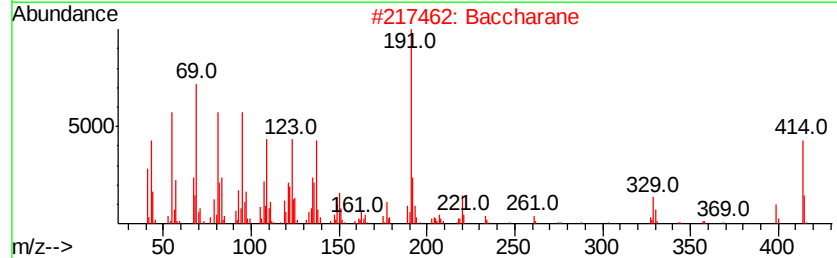
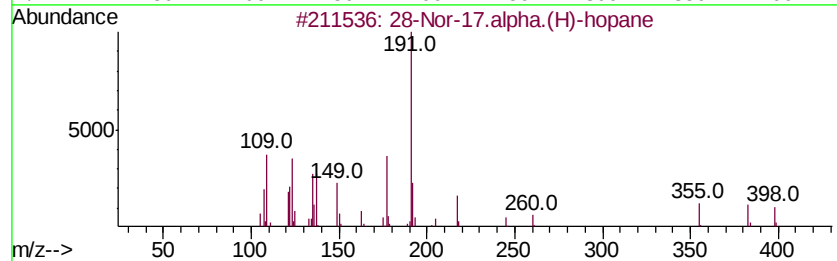
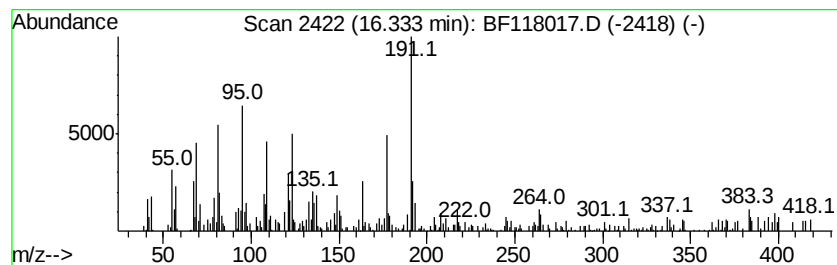
Instrument :
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ClientSampleId :
WS-112019-0-2-COMP-B4

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 8 28-Nor-17.alpha.(H)-hopane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.33	6.03 ng	256064	Perylene-d12	15.60
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	28-Nor-17.alpha.(H)-hopane	398 C29H50	053584-60-4	78
2	Baccharane	414 C30H54	036441-74-4	64
3	Anthracene, 9-butyltetradecahydro-	248 C18H32	055133-89-6	58
4	17.alfa.,21.beta.-28,30-Bisnorho...	384 C28H48	1000360-26-1	42
5	28-Nor-17.beta.(H)-hopane	398 C29H50	036728-72-0	41



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112619\
Data File : BF118017.D
Acq On : 26 Nov 2019 19:52
Operator : JU
Sample : K5959-06 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
WS-112019-0-2-COMP-B4

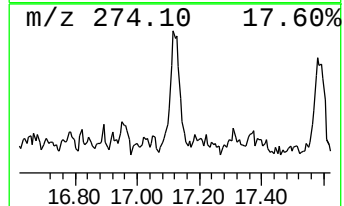
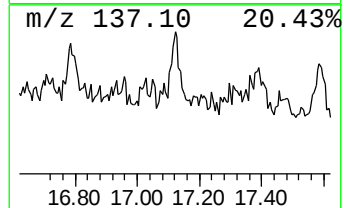
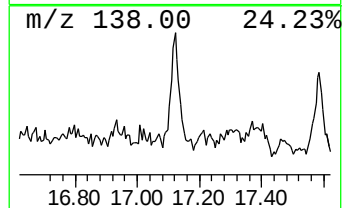
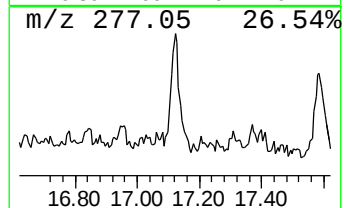
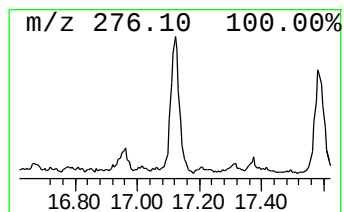
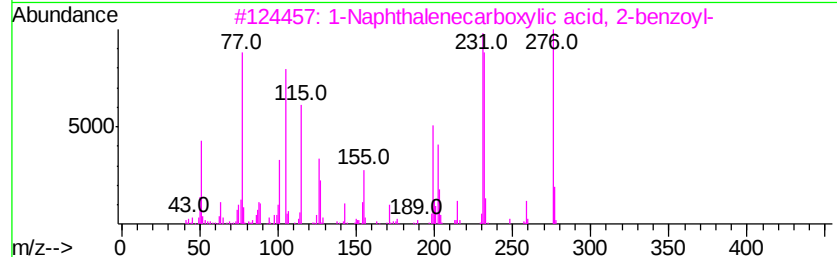
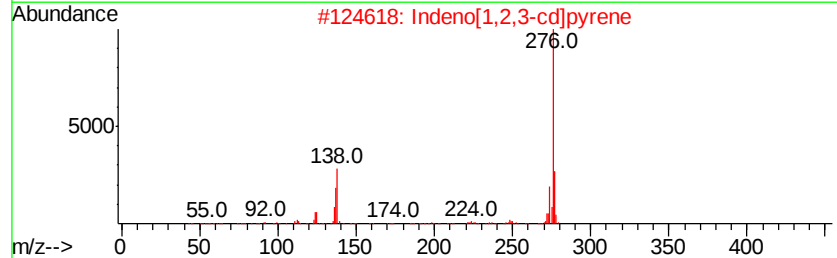
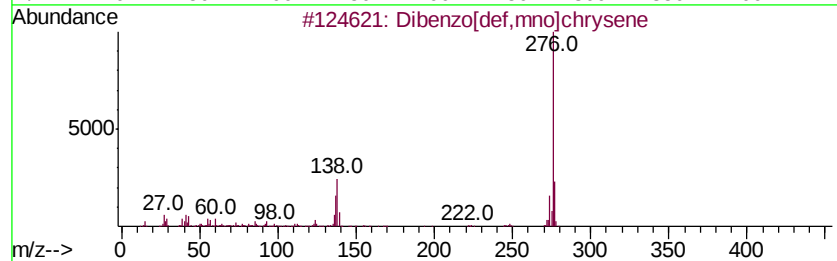
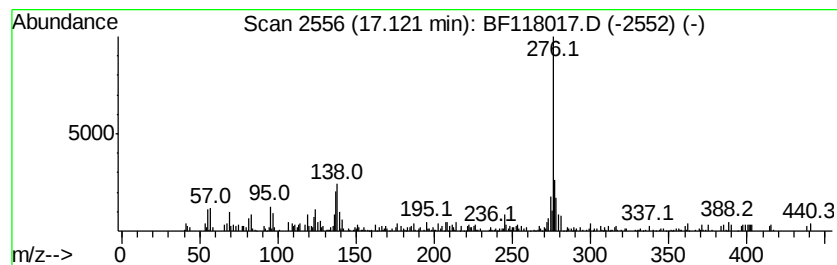
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 1-Naphthalenecarboxylic aci... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.12	2.93 ng	124483	Perylene-d12	15.60

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	95
2		Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	95
3		1-Naphthalenecarboxylic acid, 2-...	276	C18H12O3	038119-11-8	95
4		Benzo[ghi]perylene	276	C22H12	000191-24-2	93
5		Indeno[1,2,3-cd]fluoranthene	276	C22H12	000193-43-1	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF112619\
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Operator : JU
Sample : K5959-06 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
WS-112019-0-2-COMP-B4

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...	2.16	9.0	ng	382287	1	6.89	851097	20.0
2-Pentanone, 4-hy...	5.09	4.4	ng	187289	1	6.89	851097	20.0
unknown6.66	6.66	26.4	ng	1122220	1	6.89	851097	20.0
n-Hexadecanoic acid	11.96	3.4	ng	146325	4	11.44	851697	20.0
Benzene, 1,1'-(1,...	12.66	4.5	ng	189855	4	11.44	851697	20.0
11H-Benzo[a]fluor...	13.93	2.0	ng	88847	5	14.09	872509	20.0
28-Nor-17.alpha.(...	16.33	6.0	ng	256064	6	15.60	849565	20.0
1-Naphthalenecarb...	17.12	2.9	ng	124483	6	15.60	849565	20.0