

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120619\
 Data File : BP001240.D
 Acq On : 06 Dec 2019 20:22
 Operator : JU
 Sample : K6112-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 OK-02-120419

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_P\METHODS\8270-BP112719.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	2.346	41	44	54	rBV	15908	26229	1.12%	0.103%
2	5.616	595	600	619	rVB	262539	396321	16.99%	1.561%
3	6.216	696	702	715	rBV	1481869	1855150	79.54%	7.305%
4	7.757	958	964	978	rBV	1665255	2054736	88.09%	8.091%
5	7.946	990	996	1005	rBV	1677559	1991965	85.40%	7.844%
6	8.304	1052	1057	1064	rVB	470057	544719	23.35%	2.145%
7	8.546	1093	1098	1103	rBV	1281985	1522218	65.26%	5.994%
8	9.187	1200	1207	1211	rBV	1114935	1279207	54.84%	5.037%
9	10.340	1398	1403	1408	rBV	613040	673735	28.89%	2.653%
10	12.122	1698	1706	1710	rBV	1926548	2291191	98.23%	9.022%
11	12.657	1790	1797	1801	rBV	14432	23553	1.01%	0.093%
12	12.787	1809	1819	1824	rBV	254057	294189	12.61%	1.158%
13	12.845	1824	1829	1841	rVB6	11581	30081	1.29%	0.118%
14	12.963	1844	1849	1854	rBV	65787	87207	3.74%	0.343%
15	13.198	1884	1889	1895	rBV	674519	824057	35.33%	3.245%
16	13.728	1974	1979	1985	rBV5	12629	27320	1.17%	0.108%
17	14.022	2025	2029	2032	rBV2	22176	28429	1.22%	0.112%
18	14.098	2038	2042	2049	rBV2	15079	24066	1.03%	0.095%
19	14.392	2085	2092	2098	rBV7	14174	30957	1.33%	0.122%
20	14.492	2103	2109	2121	rBV	1353185	1654773	70.95%	6.516%
21	14.804	2157	2162	2164	rBV	25222	33259	1.43%	0.131%
22	15.004	2188	2196	2199	rBV9	9504	24846	1.07%	0.098%
23	15.516	2279	2283	2287	rBV	25007	30506	1.31%	0.120%
24	15.569	2288	2292	2293	rVV2	45432	52368	2.25%	0.206%
25	15.598	2293	2297	2300	rVV	741464	828899	35.54%	3.264%
26	15.633	2300	2303	2307	rVB	127662	140096	6.01%	0.552%
27	15.710	2312	2316	2319	rBV	56242	62462	2.68%	0.246%
28	15.969	2356	2360	2364	rVB2	45652	52859	2.27%	0.208%
29	16.098	2379	2382	2387	rVB3	29295	34521	1.48%	0.136%
30	16.157	2388	2392	2395	rBV	32101	38137	1.64%	0.150%
31	16.351	2422	2425	2429	rBV	70156	82231	3.53%	0.324%
32	16.392	2429	2432	2438	rVB	85962	100759	4.32%	0.397%
33	16.457	2440	2443	2445	rBV	28956	31828	1.36%	0.125%
34	16.486	2445	2448	2455	rVV2	220888	390031	16.72%	1.536%

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35	16.539	2455	2457	2461	rVB	65049	70848	3.04%	0.279%
36	16.739	2488	2491	2495	rBV2	37473	43506	1.87%	0.171%
37	16.786	2495	2499	2500	rBV3	34172	44078	1.89%	0.174%
38	16.998	2532	2535	2538	rBV2	23299	23818	1.02%	0.094%
39	17.033	2538	2541	2544	rBV	37113	45113	1.93%	0.178%
40	17.139	2555	2559	2562	rBV	104135	136057	5.83%	0.536%
41	17.180	2562	2566	2569	rBV2	54233	63539	2.72%	0.250%
42	17.210	2569	2571	2574	rBV	28317	26999	1.16%	0.106%
43	17.251	2575	2578	2580	rBV2	40162	43308	1.86%	0.171%
44	17.339	2590	2593	2598	rVB	233696	263434	11.29%	1.037%
45	17.469	2613	2615	2619	rVB	37482	35868	1.54%	0.141%
46	17.575	2630	2633	2636	rBV4	86078	101053	4.33%	0.398%
47	17.645	2641	2645	2649	rVB	300163	354599	15.20%	1.396%
48	17.757	2661	2664	2666	rBV	56991	72723	3.12%	0.286%
49	17.880	2680	2685	2689	rBV	2285629	2332468	100.00%	9.185%
50	18.239	2743	2746	2756	rVB3	86596	171031	7.33%	0.673%
51	18.357	2763	2766	2769	rVB	90218	84764	3.63%	0.334%
52	18.698	2822	2824	2829	rVB3	69246	72311	3.10%	0.285%
53	19.116	2892	2895	2901	rVB3	175818	275824	11.83%	1.086%
54	19.239	2911	2916	2919	rBV2	694563	932459	39.98%	3.672%
55	19.269	2919	2921	2925	rVB	157904	175171	7.51%	0.690%
56	19.533	2963	2966	2970	rBV	138718	158683	6.80%	0.625%
57	20.257	3085	3089	3093	rBV	849395	985595	42.26%	3.881%
58	20.374	3106	3109	3114	rVB	465700	561090	24.06%	2.209%
59	20.692	3160	3163	3166	rVB	146967	166776	7.15%	0.657%
60	21.010	3214	3217	3222	rVB	450110	591451	25.36%	2.329%

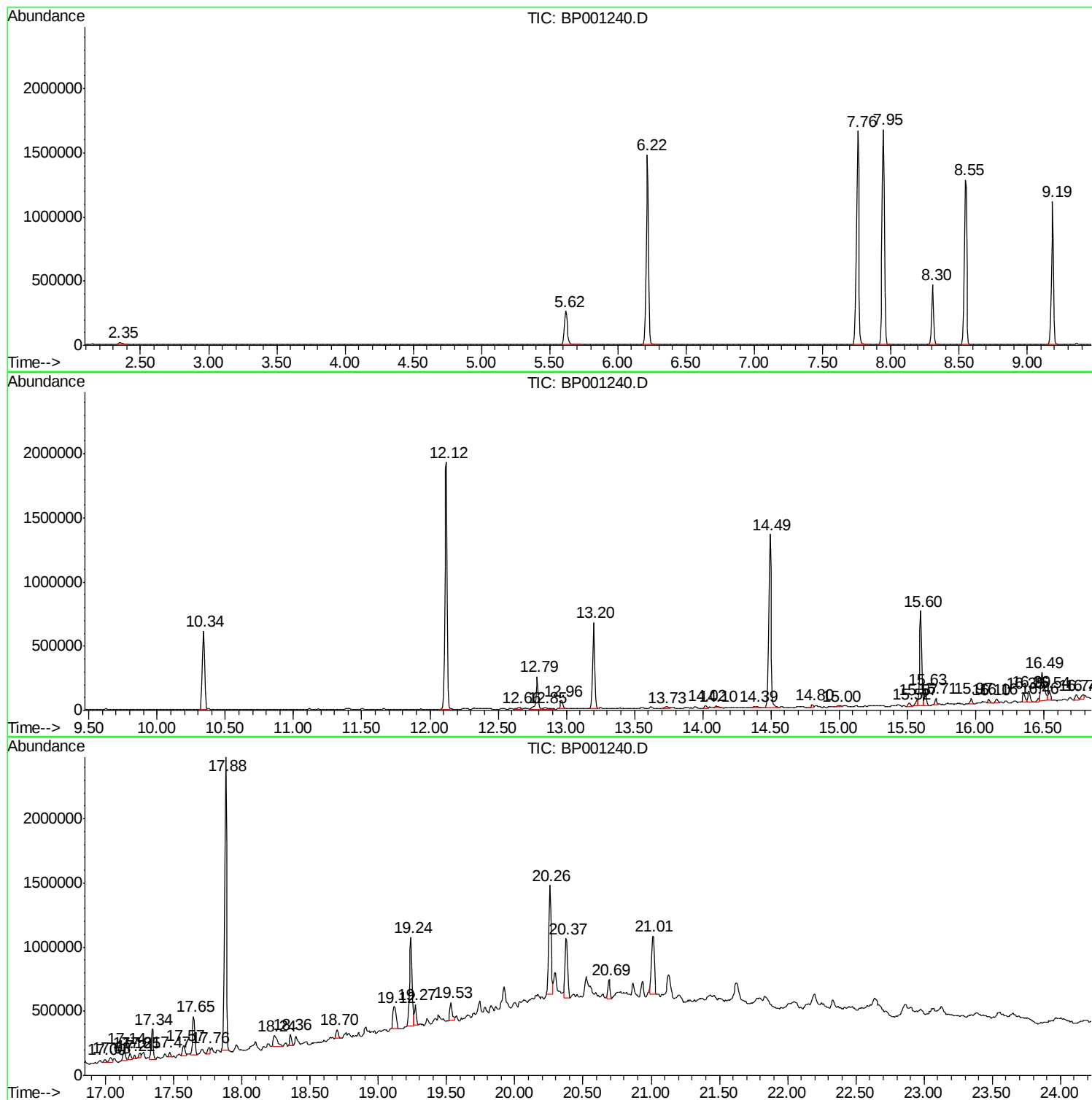
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP112719.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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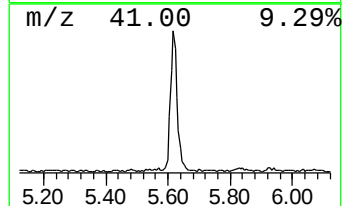
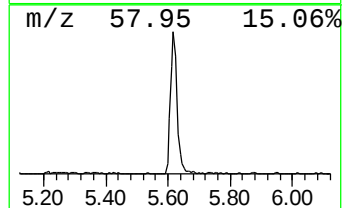
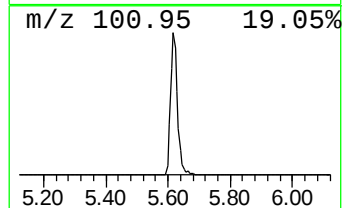
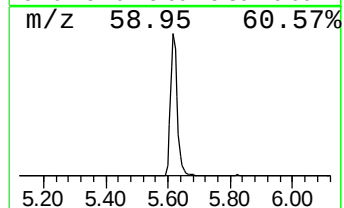
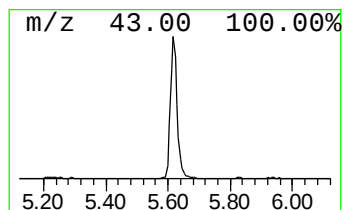
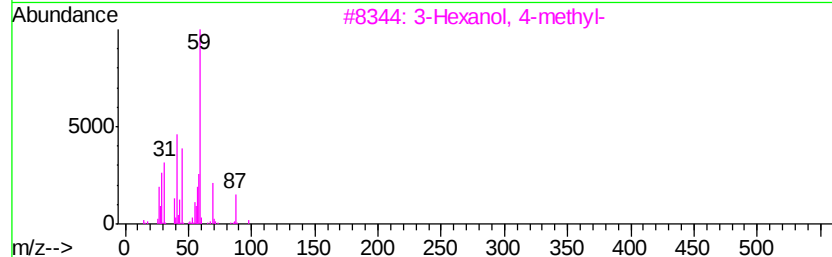
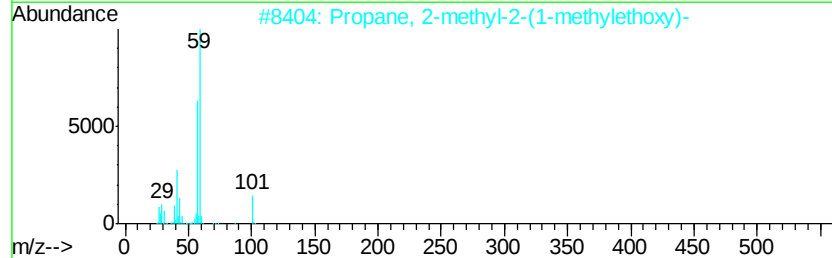
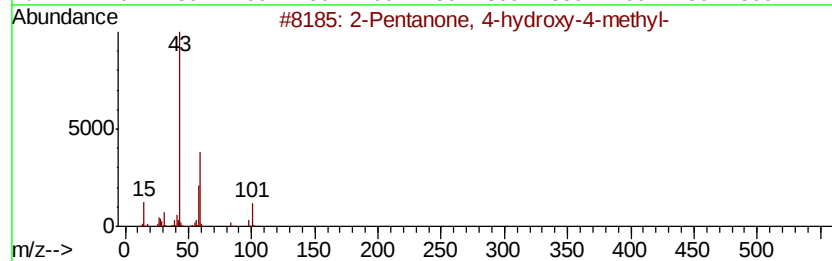
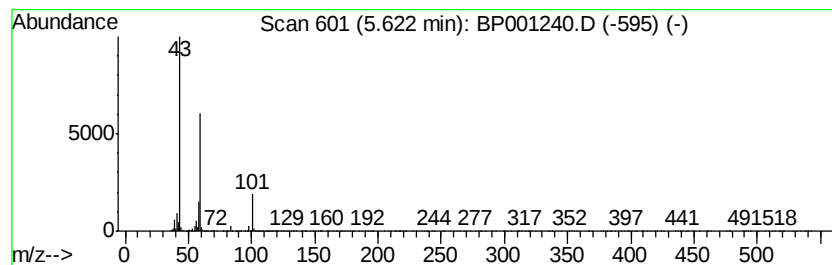
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP112719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.62	14.55 ng	396321	1,4-Dichlorobenzene-d4	8.31

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	53
2		Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
3		3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4		Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	32
5		1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10



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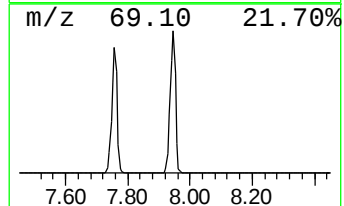
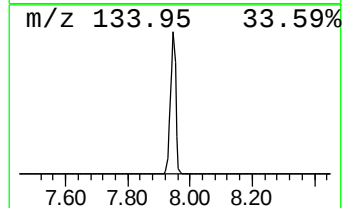
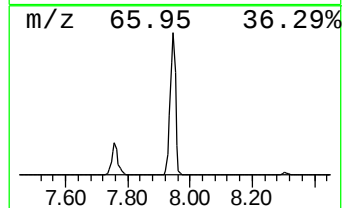
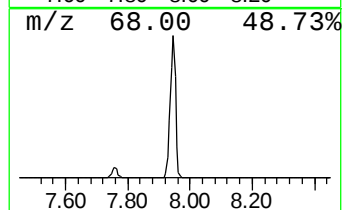
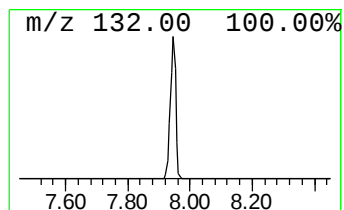
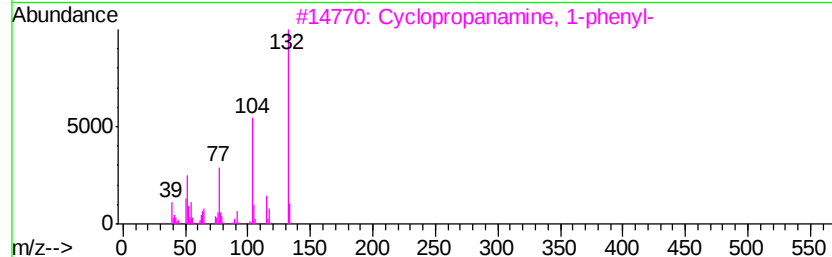
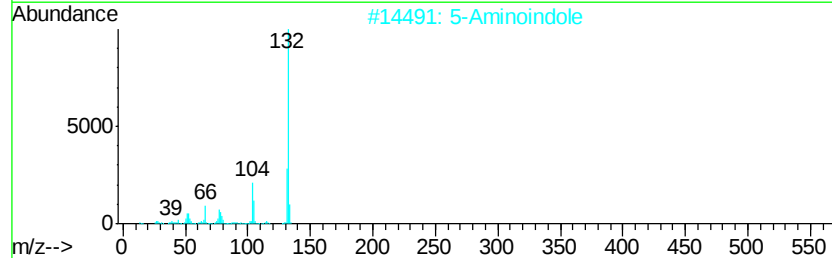
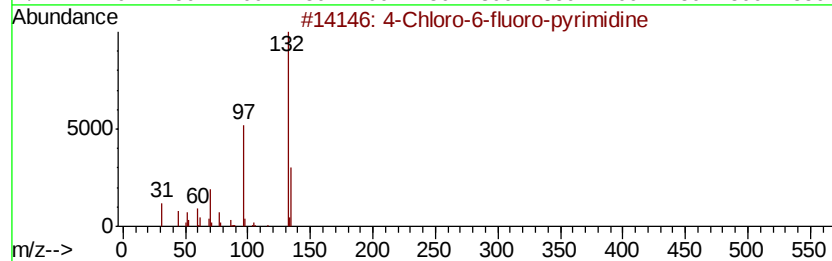
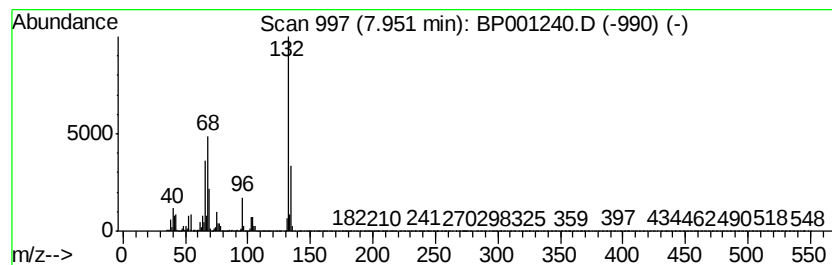
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown7.95 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.95	73.14 ng	1991970	1,4-Dichlorobenzene-d4	8.31

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	14
2		5-Aminoindole	132	C8H8N2	005192-03-0	10
3		Cyclopropanamine, 1-phenyl-	133	C9H11N	1000351-26-2	10
4		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5		3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	10



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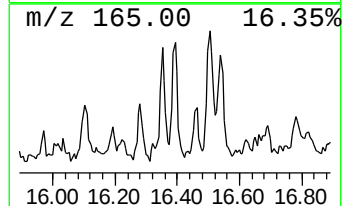
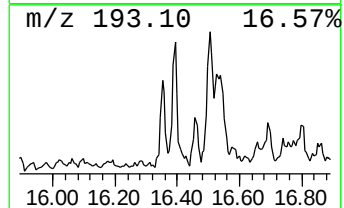
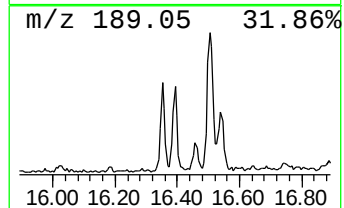
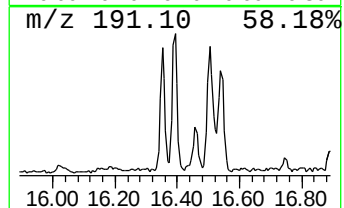
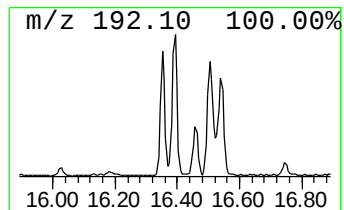
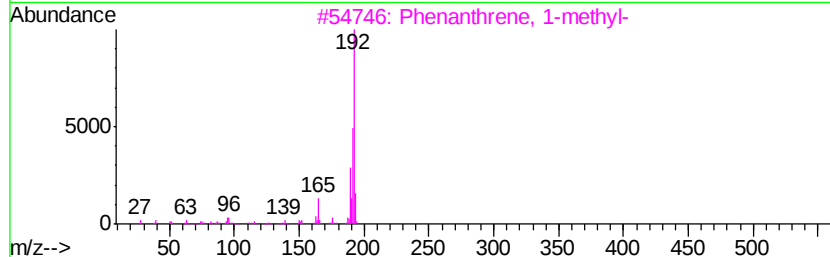
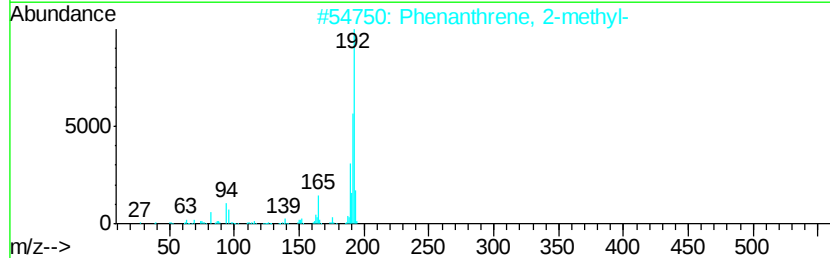
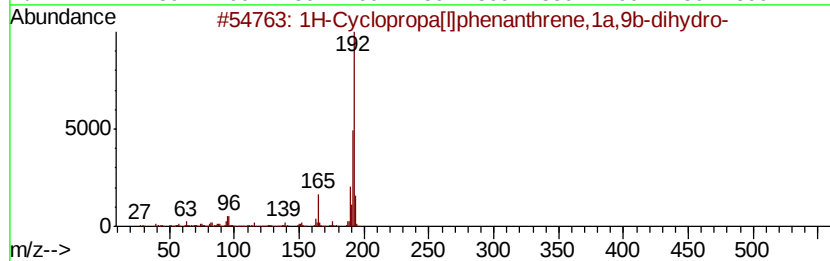
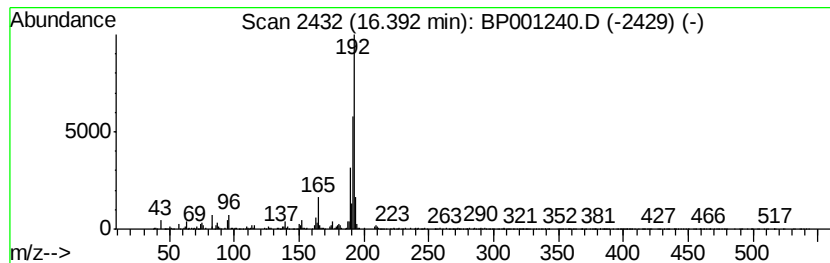
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 1H-Cyclopropa[l]phenanthren... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.39	2.43 ng	100759	Phenanthrene-d10	15.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Cyclopropa[l]phenanthrene, 1a, ...	192	C15H12	000949-41-7	97
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4		Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
5		Anthracene, 1-methyl-	192	C15H12	000610-48-0	93



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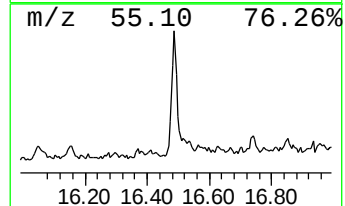
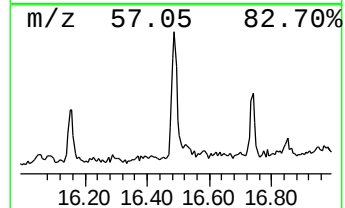
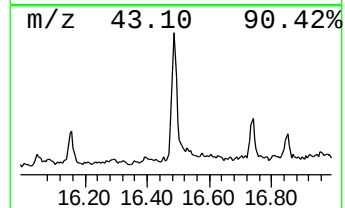
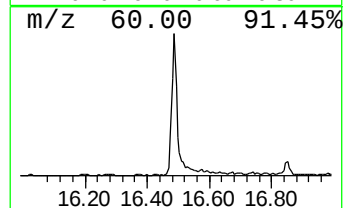
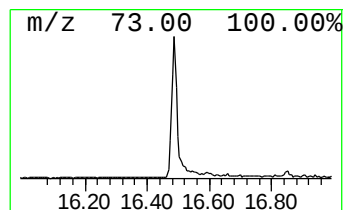
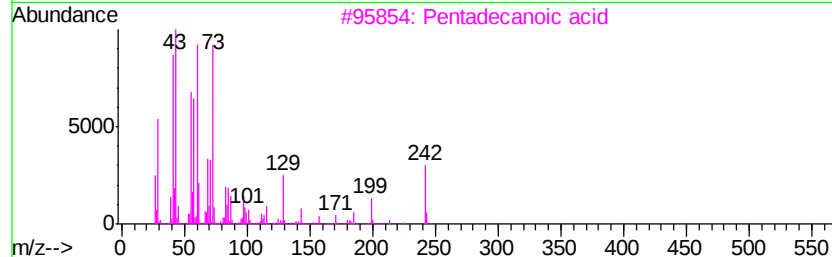
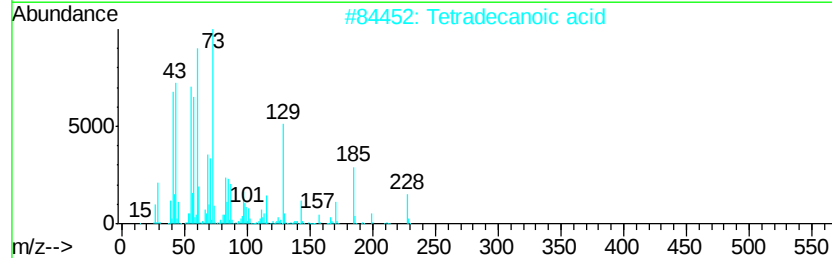
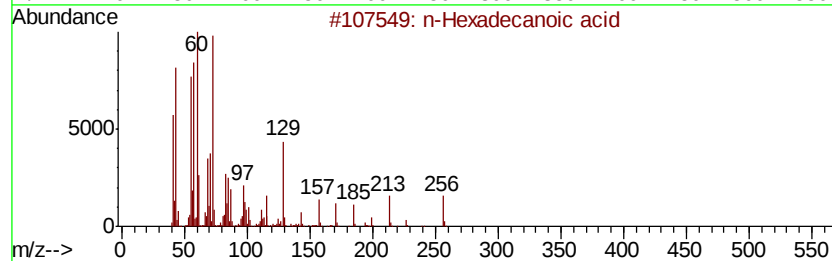
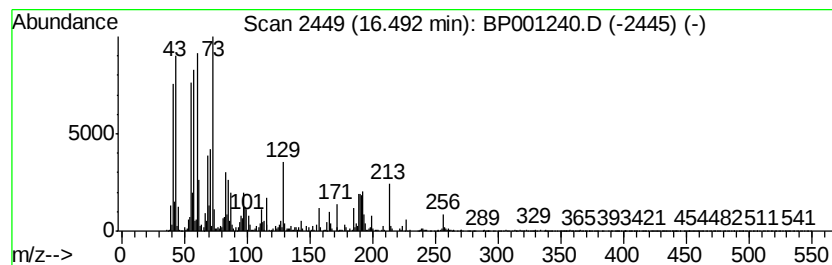
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.49	9.41 ng	390031	Phenanthrene-d10	15.60

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		Tetradecanoic acid	228	C14H28O2	000544-63-8	93
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	93
4		Tridecanoic acid	214	C13H26O2	000638-53-9	90
5		Octadecanoic acid	284	C18H36O2	000057-11-4	90



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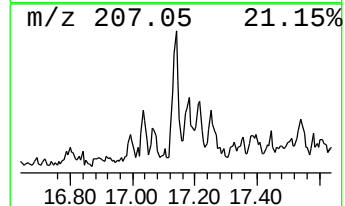
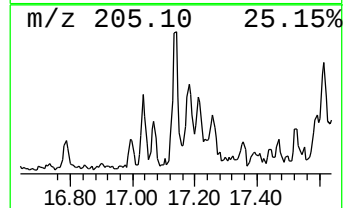
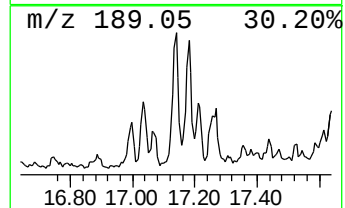
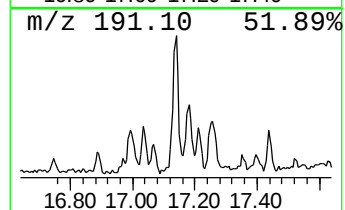
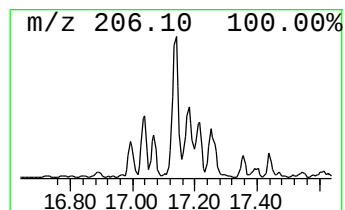
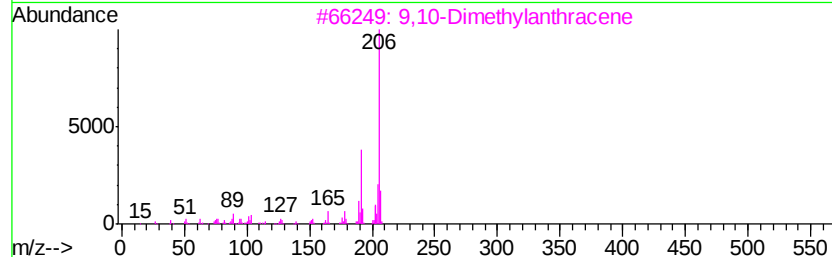
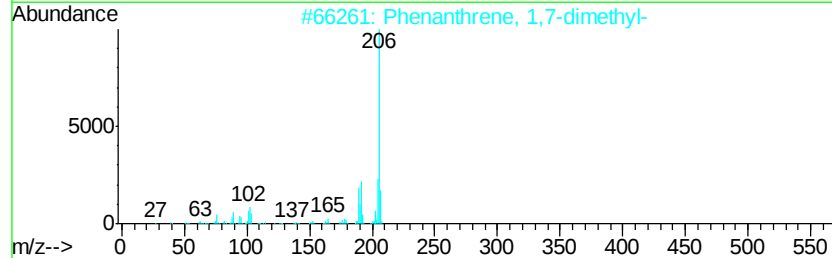
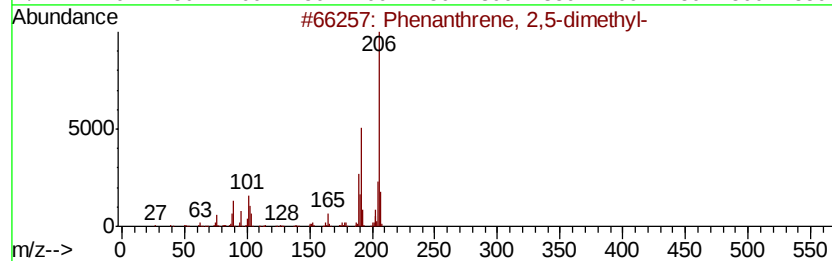
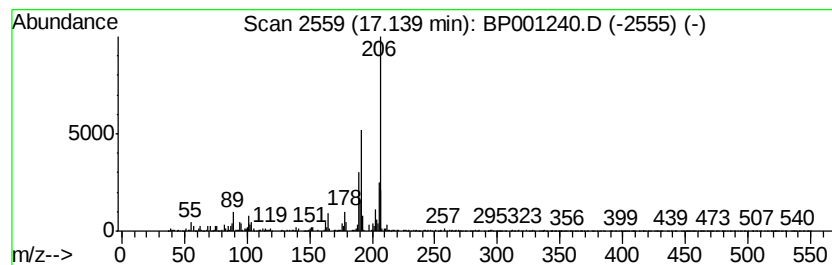
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Phenanthrene, 2,5-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.14	3.28 ng	136057	Phenanthrene-d10	15.60

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	95
2		Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	92
3		9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
4		Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	90
5		Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	89



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120619\
Data File : BP001240.D
Acq On : 06 Dec 2019 20:22
Operator : JU
Sample : K6112-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OK-02-120419

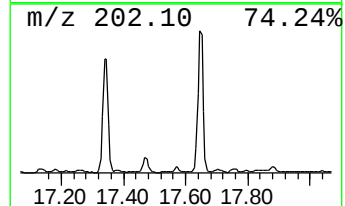
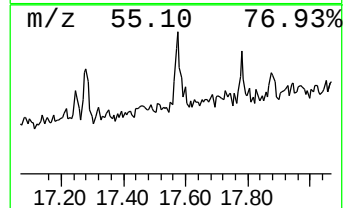
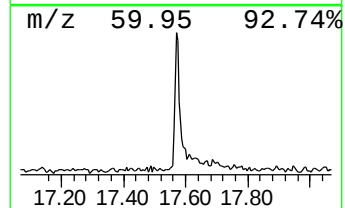
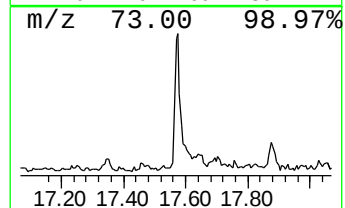
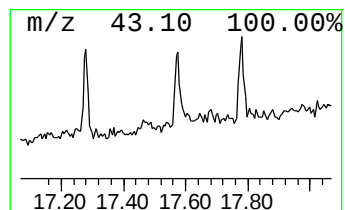
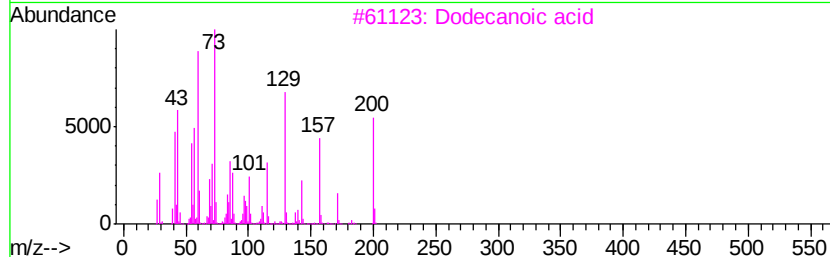
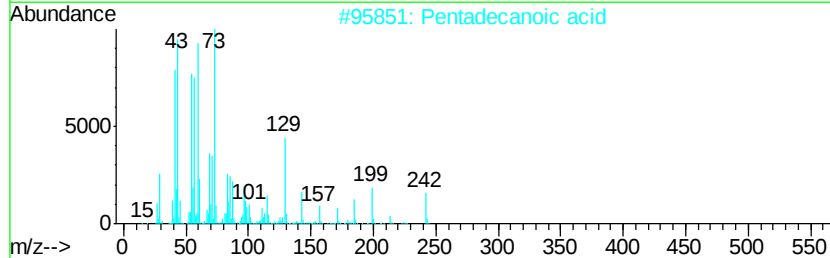
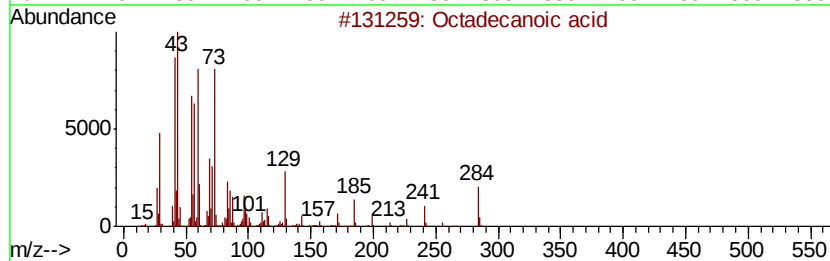
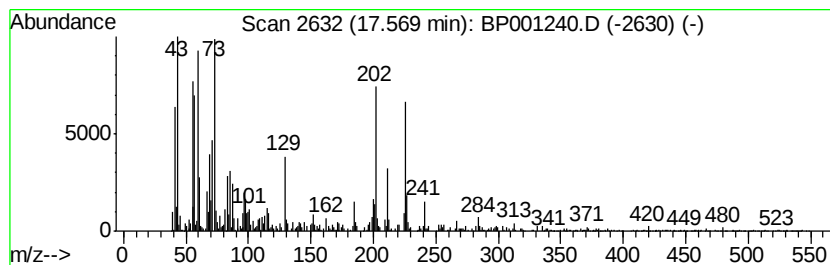
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Octadecanoic acid Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.57	2.17 ng	101053	Chrysene-d12	19.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	95
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	64
3		Dodecanoic acid	200	C12H24O2	000143-07-7	45
4		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	43
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120619\
Data File : BP001240.D
Acq On : 06 Dec 2019 20:22
Operator : JU
Sample : K6112-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

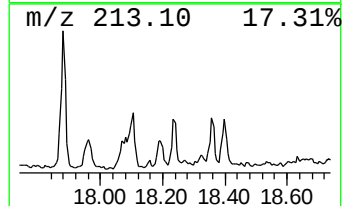
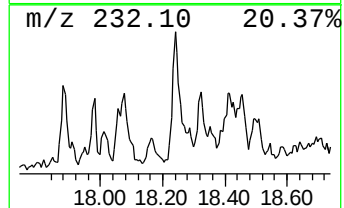
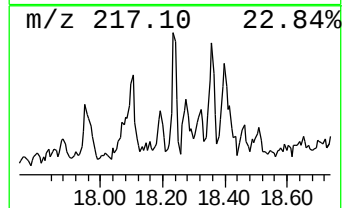
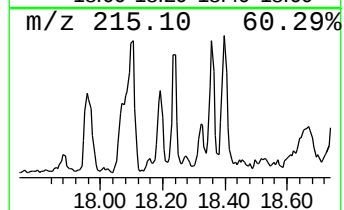
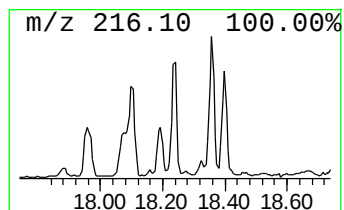
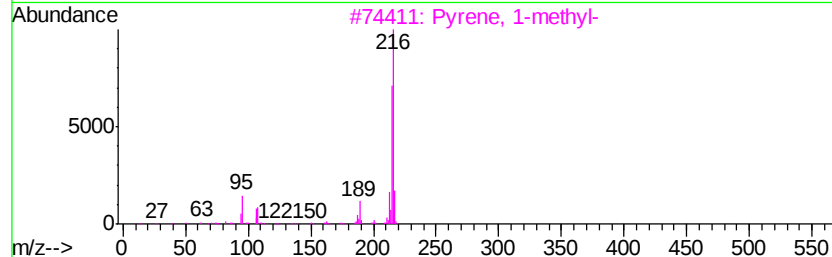
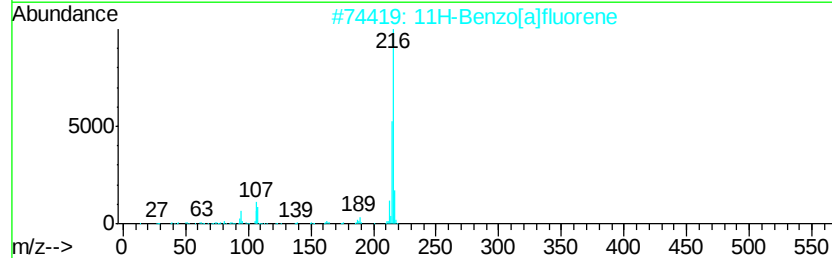
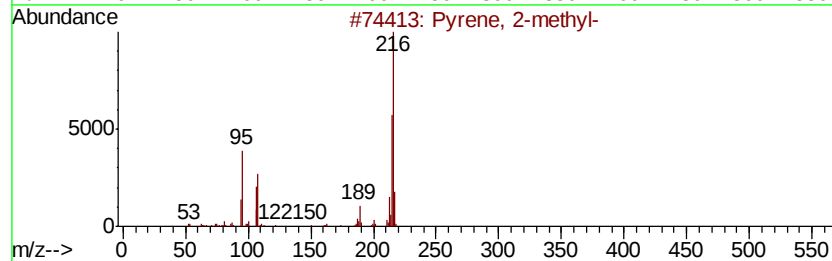
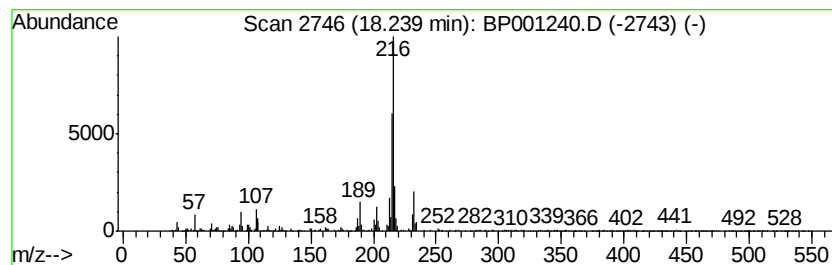
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP112719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Pyrene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.24	3.67 ng	171031	Chrysene-d12	19.24	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 2-methyl-	216	C17H12	003442-78-2	90
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	78
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	64
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	62



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120619\
Data File : BP001240.D
Acq On : 06 Dec 2019 20:22
Operator : JU
Sample : K6112-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
OK-02-120419

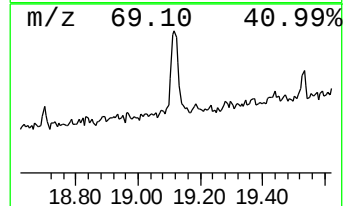
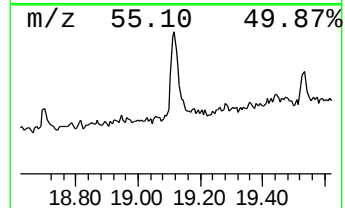
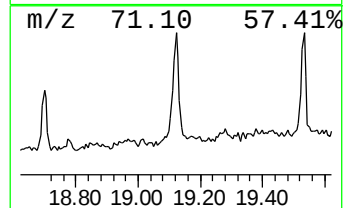
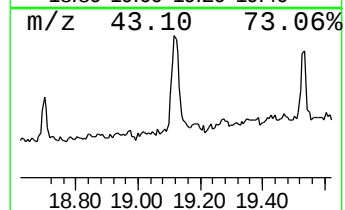
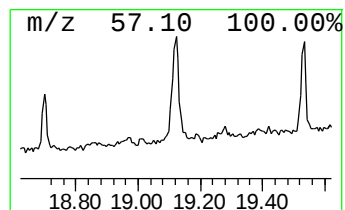
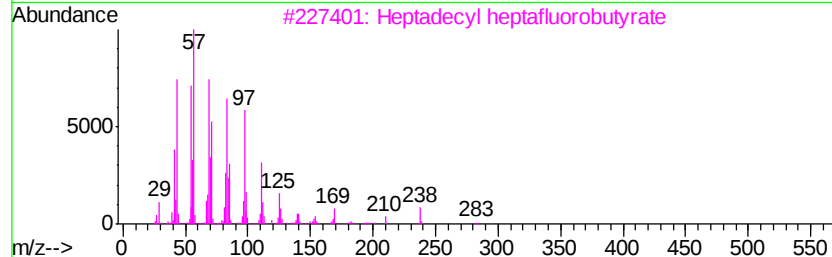
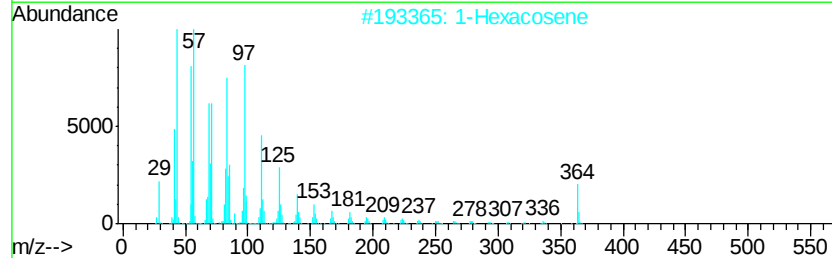
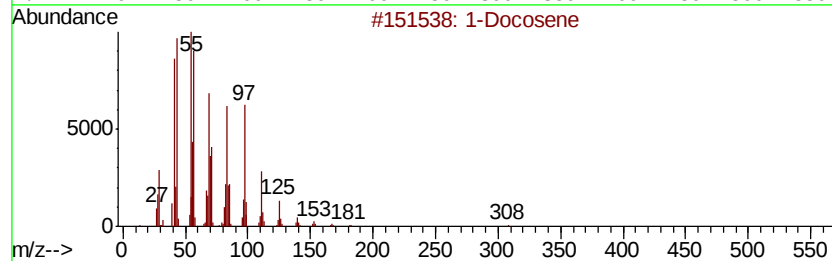
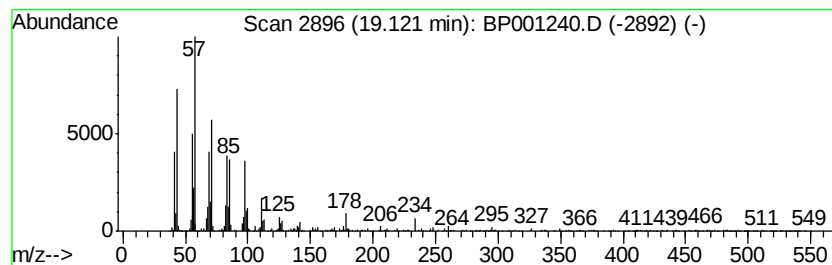
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 1-Docosene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.12	5.92 ng	275824	Chrysene-d12	19.24

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene		308	C22H44	001599-67-3	99
2	1-Hexacosene		364	C26H52	018835-33-1	94
3	Heptadecyl heptafluorobutvrate		452	C21H35F7O2	959085-66-6	90
4	Octadecyl trifluoroacetate		366	C20H37F3O2	079392-43-1	90
5	Heptafluorobutyric acid, n-octad...		466	C22H37F7O2	000400-57-7	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120619\
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Misc :
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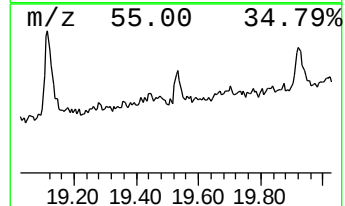
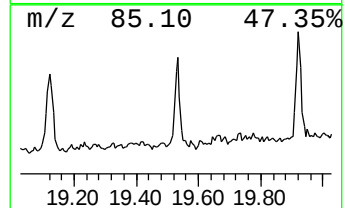
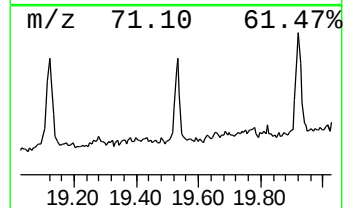
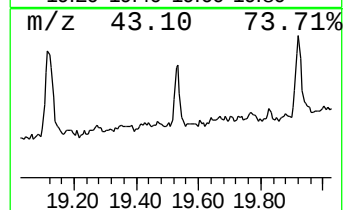
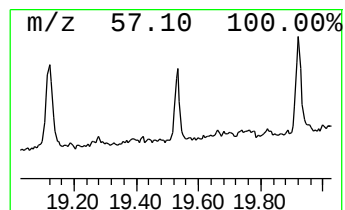
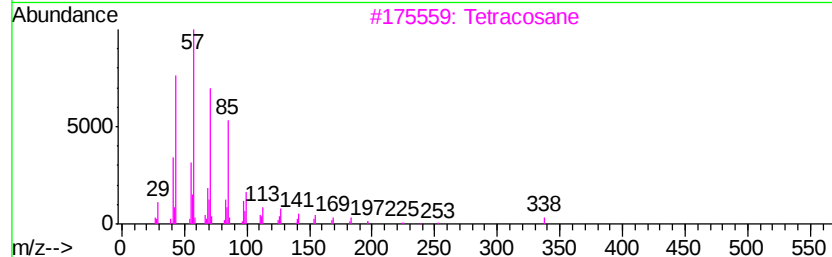
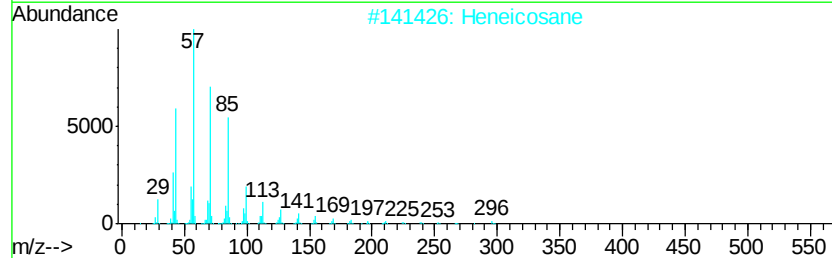
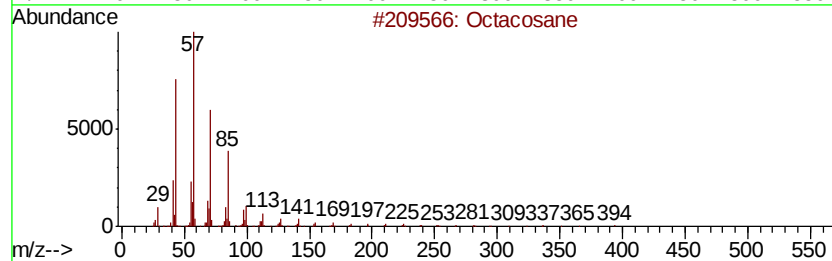
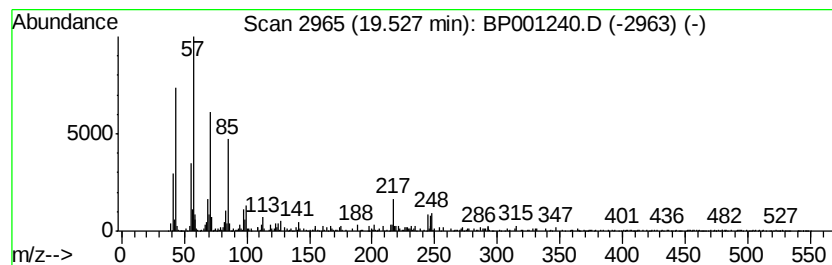
Instrument :
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Heneicosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.53	3.40 ng	158683	Chrysene-d12	19.24
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Octacosane	394 C28H58	000630-02-4 97
2		Heneicosane	296 C21H44	000629-94-7 95
3		Tetracosane	338 C24H50	000646-31-1 89
4		Hexatriacontane	507 C36H74	000630-06-8 89
5		Tridecane, 1-iodo-	310 C13H27I	035599-77-0 89



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120619\
Data File : BP001240.D
Acq On : 06 Dec 2019 20:22
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Sample : K6112-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

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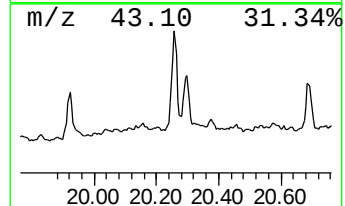
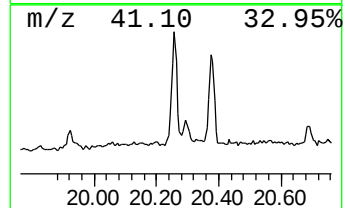
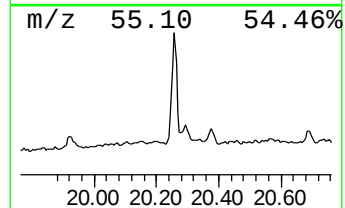
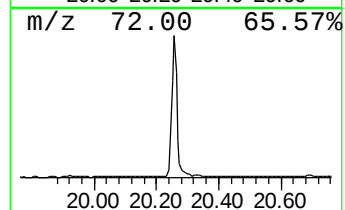
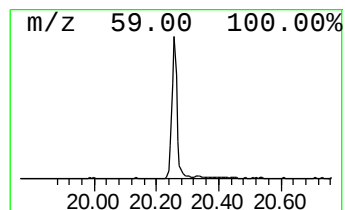
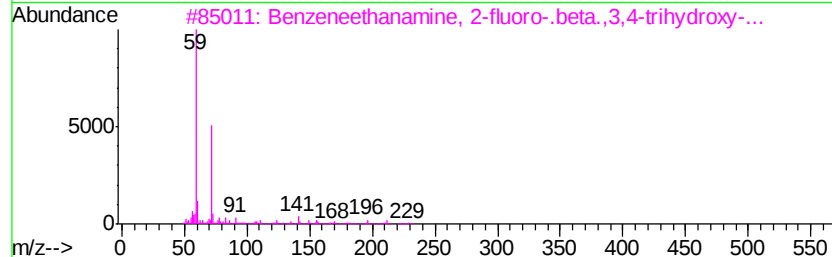
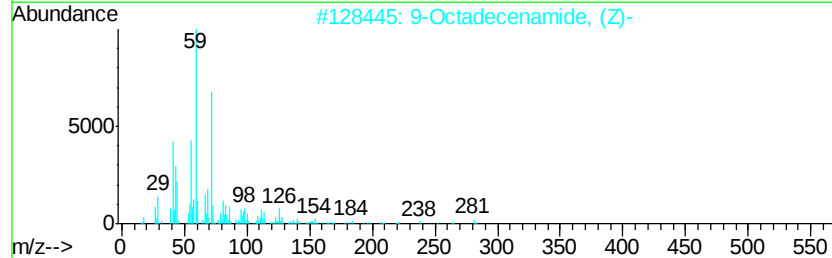
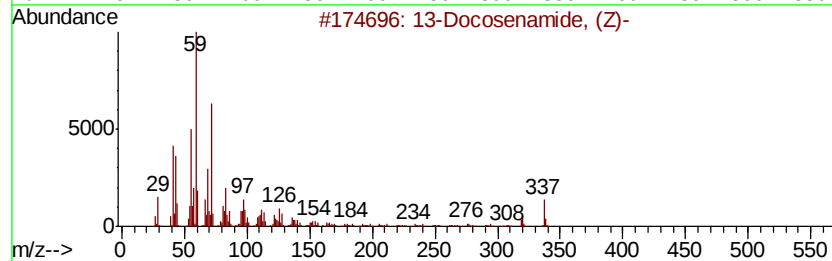
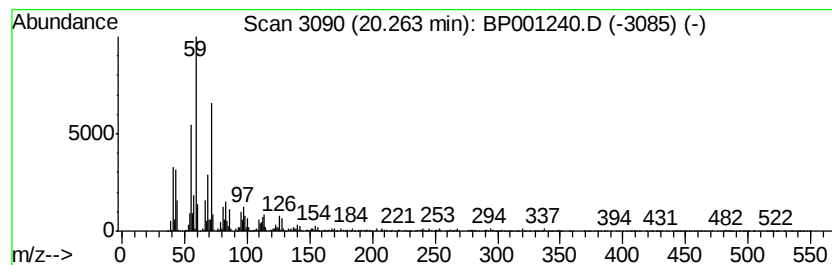
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 13-Docosenamide, (Z)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.26	33.33 ng	985595	Perylene-d12	21.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	91
2		9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	91
3		Benzeneethanamine, 2-fluoro-.bet...	229	C11H16FN03	061338-98-5	76
4		Tetradecanamide	227	C14H29NO	000638-58-4	59
5		Dodecanamide	199	C12H25NO	001120-16-7	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120619\
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Misc :
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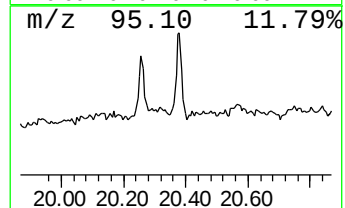
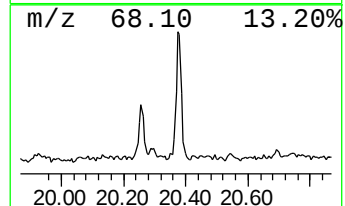
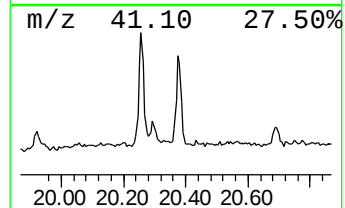
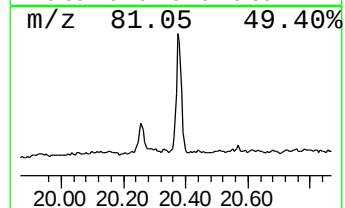
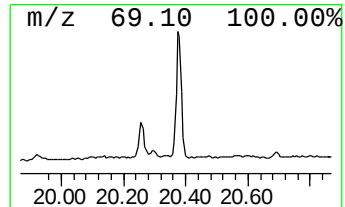
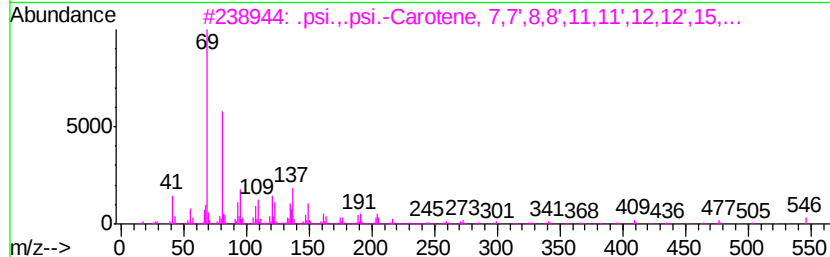
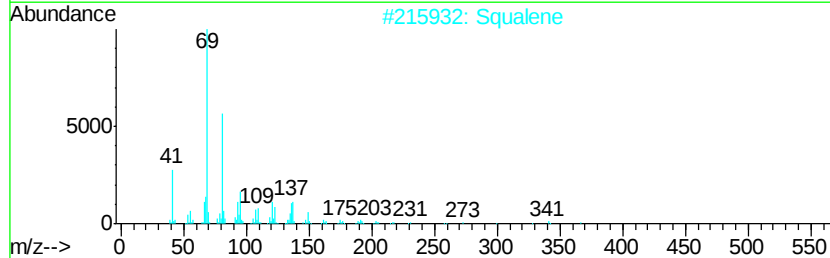
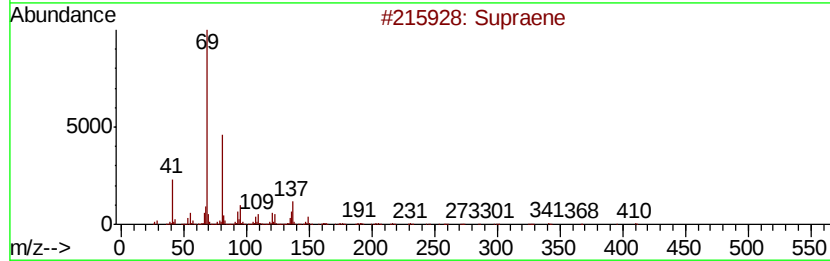
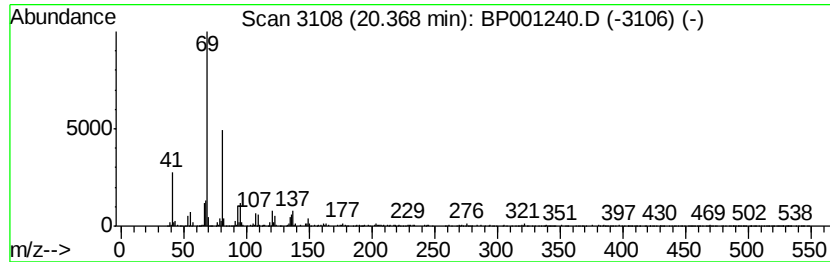
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Supraene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.37	18.97 ng	561090	Perylene-d12	21.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Supraene	410	C30H50	007683-64-9	95
2		Squalene	410	C30H50	000111-02-4	90
3		.psi.,.psi.-Carotene, 7,7',8,8',...	547	C40H66	000502-62-5	83
4		2,6,10,14,18-Pentamethyl-2,6,10,...	342	C25H42	075581-03-2	78
5		2,3,5-Trimethyl-2,3,5-hexanetric...	203	C12H17N3	003974-79-6	59



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120619\
Data File : BP001240.D
Acq On : 06 Dec 2019 20:22
Operator : JU
Sample : K6112-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

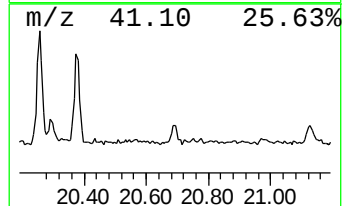
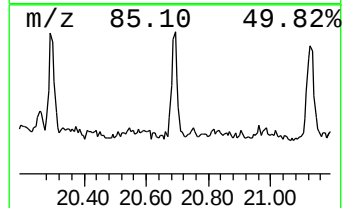
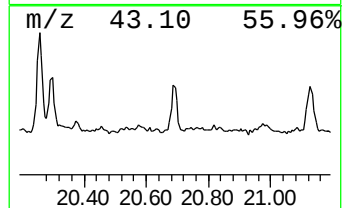
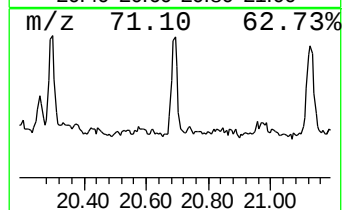
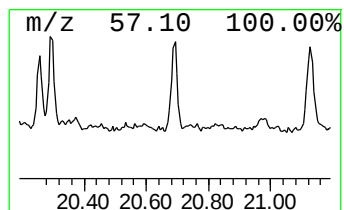
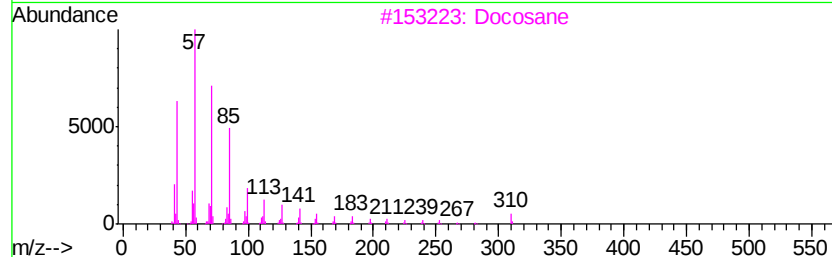
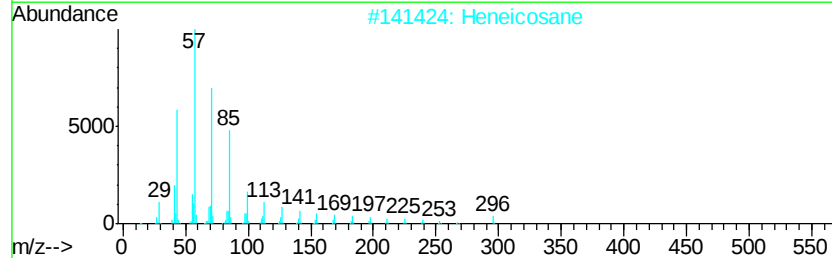
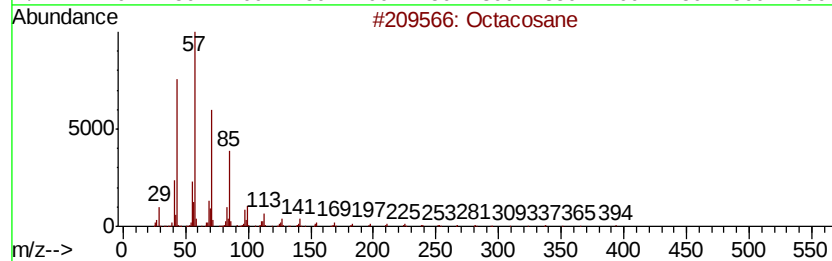
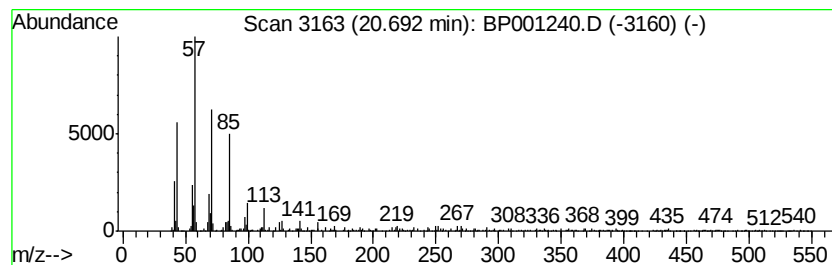
Instrument :
BNA_P
ClientSampleId :
OK-02-120419

Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP112719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Octacosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.69	5.64 ng	166776	Perylene-d12	21.02
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Octacosane		394 C28H58	000630-02-4 93
2	Heneicosane		296 C21H44	000629-94-7 90
3	Docosane		310 C22H46	000629-97-0 90
4	Tetradecane, 2,6,10-trimethyl-		240 C17H36	014905-56-7 90
5	Heptadecane, 2,6,10,15-tetramethyl-		296 C21H44	054833-48-6 81



Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP120619\
 Data File : BP001240.D
 Acq On : 06 Dec 2019 20:22
 Operator : JU
 Sample : K6112-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 OK-02-120419

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP112719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.62	14.6	ng	396321	1	8.31	544719	20.0
unknown7.95	7.95	73.1	ng	1991970	1	8.31	544719	20.0
1H-Cyclopropa[l]p...	16.39	2.4	ng	100759	4	15.60	828899	20.0
n-Hexadecanoic acid	16.49	9.4	ng	390031	4	15.60	828899	20.0
Phenanthrene, 2,5...	17.14	3.3	ng	136057	4	15.60	828899	20.0
Octadecanoic acid	17.57	2.2	ng	101053	5	19.24	932459	20.0
Pyrene, 2-methyl-	18.24	3.7	ng	171031	5	19.24	932459	20.0
1-Docosene	19.12	5.9	ng	275824	5	19.24	932459	20.0
Heneicosane	19.53	3.4	ng	158683	5	19.24	932459	20.0
13-Docosenamide, ...	20.26	33.3	ng	985595	6	21.02	591451	20.0
Supraene	20.37	19.0	ng	561090	6	21.02	591451	20.0
Octacosane	20.69	5.6	ng	166776	6	21.02	591451	20.0