

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120219\
 Data File : BP001130.D
 Acq On : 02 Dec 2019 17:14
 Operator : JU
 Sample : K6022-07
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-16-S

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	5.640	599	604	619	rVB	519800	856432	18.70%	1.931%
2	6.234	698	705	710	rBV	3017720	4037301	88.14%	9.104%
3	7.775	959	967	976	rBV	3211170	4482256	97.85%	10.108%
4	7.963	993	999	1004	rBV	3268580	4180927	91.27%	9.428%
5	8.328	1055	1061	1067	rVB	946525	1088250	23.76%	2.454%
6	8.569	1096	1102	1106	rBV	2670058	3078590	67.21%	6.942%
7	9.210	1203	1211	1215	rBV	2168478	2756403	60.18%	6.216%
8	10.363	1401	1407	1411	rBV	1196051	1413904	30.87%	3.188%
9	12.145	1701	1710	1714	rBV	3732289	4580609	100.00%	10.330%
10	12.810	1818	1823	1830	rBV	538065	602818	13.16%	1.359%
11	13.228	1888	1894	1899	rBV	1300739	1599296	34.91%	3.607%
12	14.522	2105	2114	2126	rBV	2039003	2782465	60.74%	6.275%
13	15.622	2296	2301	2305	rBV	1220205	1514641	33.07%	3.416%
14	15.657	2305	2307	2313	rVB	344956	348280	7.60%	0.785%
15	15.733	2317	2320	2323	rVV	68572	79830	1.74%	0.180%
16	15.763	2323	2325	2331	rVB3	53914	59964	1.31%	0.135%
17	16.380	2424	2430	2433	rBV	52194	65079	1.42%	0.147%
18	16.416	2433	2436	2443	rVB	71074	84796	1.85%	0.191%
19	16.510	2449	2452	2460	rBV2	176196	309471	6.76%	0.698%
20	16.816	2500	2504	2512	rVB2	40329	70272	1.53%	0.158%
21	17.369	2593	2598	2603	rBV	496917	508097	11.09%	1.146%
22	17.598	2634	2637	2642	rBV	67014	72076	1.57%	0.163%
23	17.674	2645	2650	2655	rVB	456602	529705	11.56%	1.195%
24	17.910	2683	2690	2694	rBV	3551139	3943865	86.10%	8.894%
25	18.127	2725	2727	2731	rVB	56473	57307	1.25%	0.129%
26	18.263	2747	2750	2761	rBV3	58349	106411	2.32%	0.240%
27	18.933	2860	2864	2869	rBV2	41628	73944	1.61%	0.167%
28	19.063	2884	2886	2893	rVB	40469	48526	1.06%	0.109%
29	19.163	2898	2903	2906	rBV4	116590	223687	4.88%	0.504%
30	19.268	2915	2921	2924	rBV2	1228039	1512431	33.02%	3.411%
31	19.298	2924	2926	2930	rVB	204348	188343	4.11%	0.425%
32	19.563	2968	2971	2975	rVB	104814	108904	2.38%	0.246%
33	19.951	3034	3037	3042	rVB	136434	140642	3.07%	0.317%
34	20.327	3098	3101	3110	rVB	179560	217473	4.75%	0.490%

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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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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	20.415	3113	3116	3119	rVB	86946	87002	1.90%	0.196%
36	20.557	3135	3140	3143	rBV	170744	280519	6.12%	0.633%
37	20.727	3165	3169	3175	rVB	171514	219719	4.80%	0.495%
38	20.898	3195	3198	3206	rVB	93865	140717	3.07%	0.317%
39	20.968	3206	3210	3216	rVB	151427	191393	4.18%	0.432%
40	21.051	3218	3224	3228	rBV	922428	1261345	27.54%	2.844%
41	21.174	3240	3245	3252	rVB	150380	228152	4.98%	0.514%
42	21.674	3326	3330	3338	rVB2	123385	212659	4.64%	0.480%

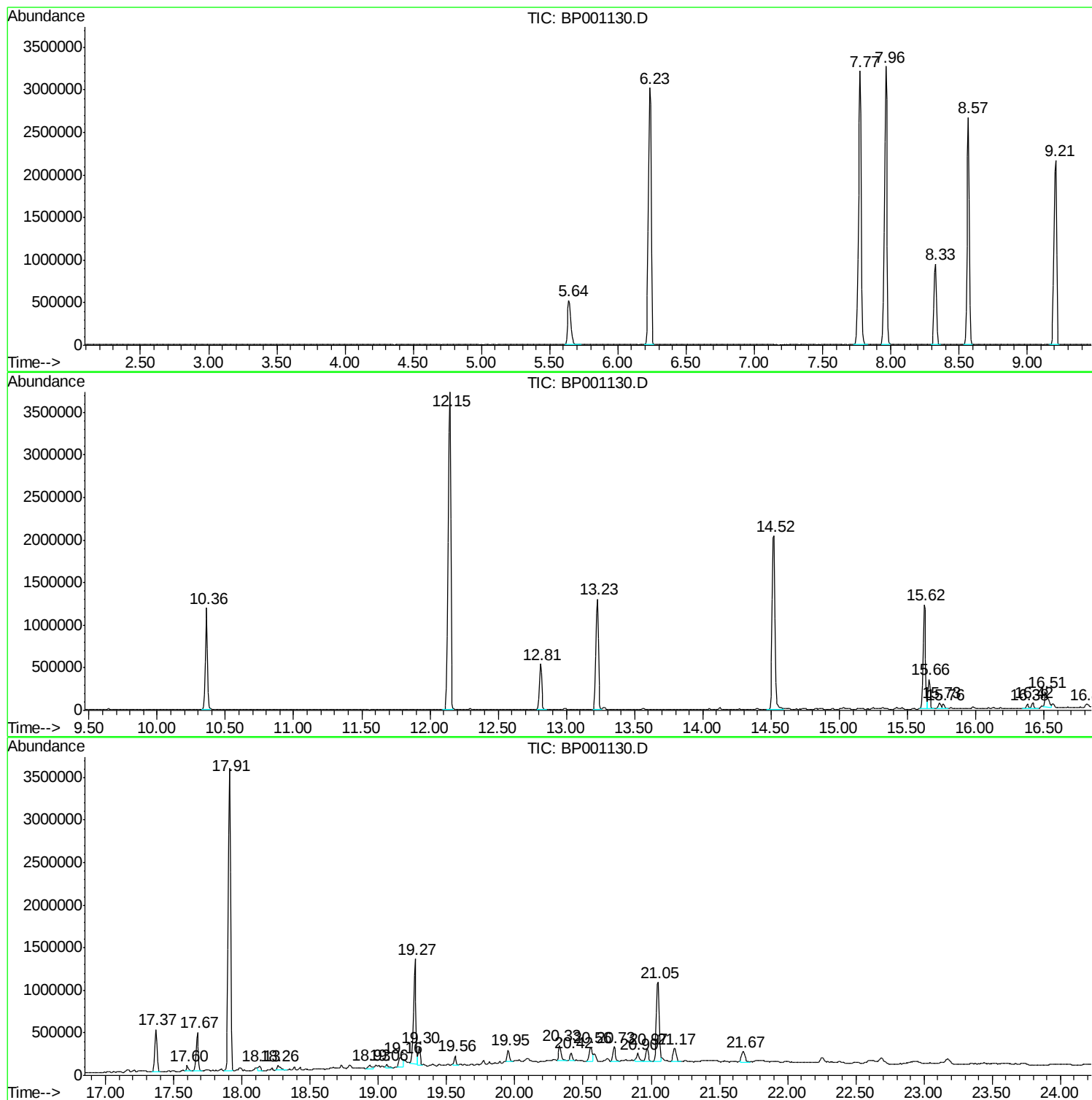
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ClientSampled :
TP-16-S

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



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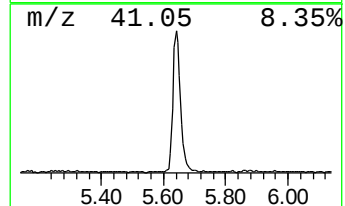
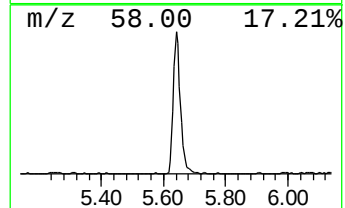
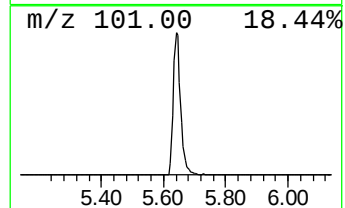
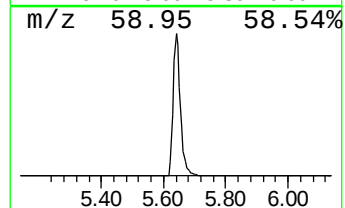
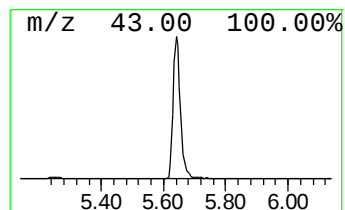
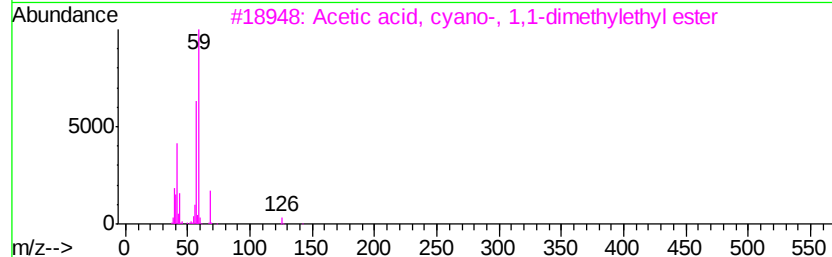
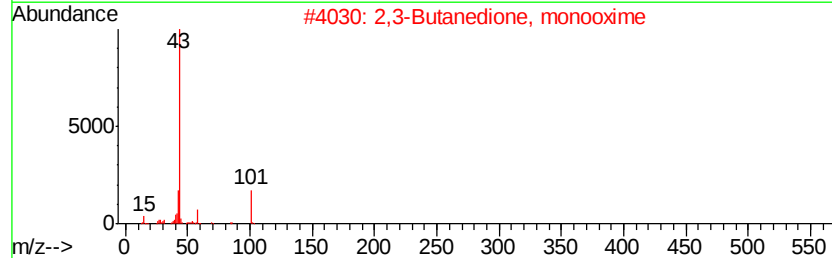
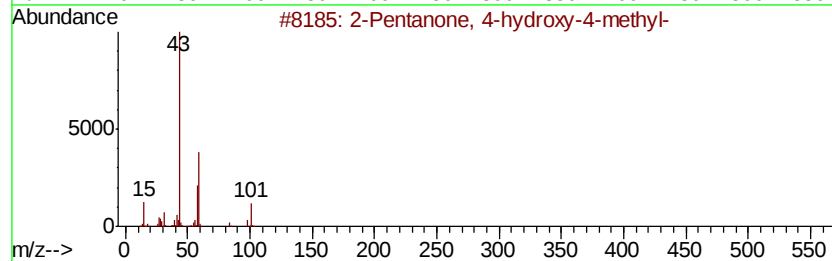
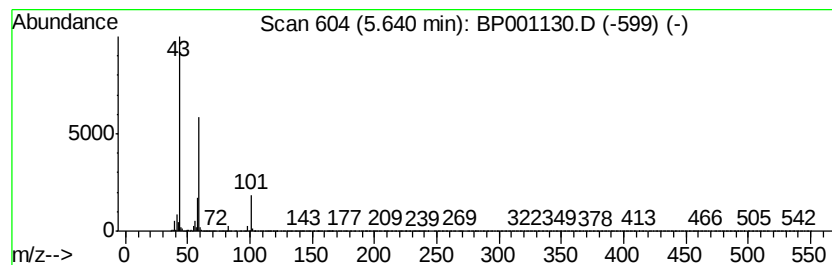
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.64	15.74 ng	856432	1,4-Dichlorobenzene-d4	8.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	27
3		Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	25
4		1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
5		Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9



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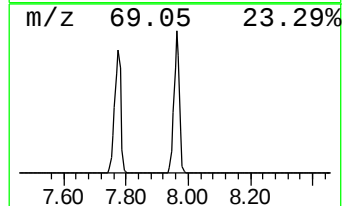
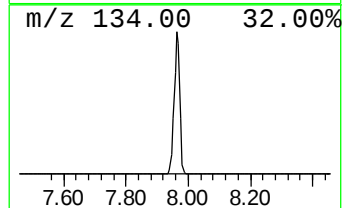
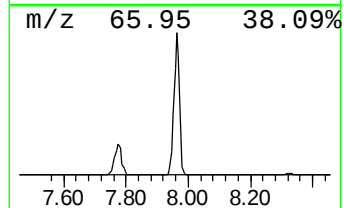
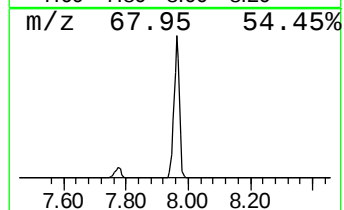
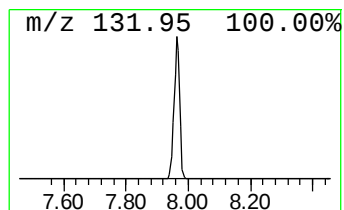
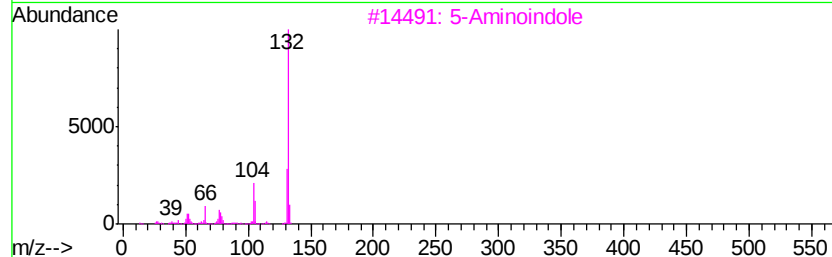
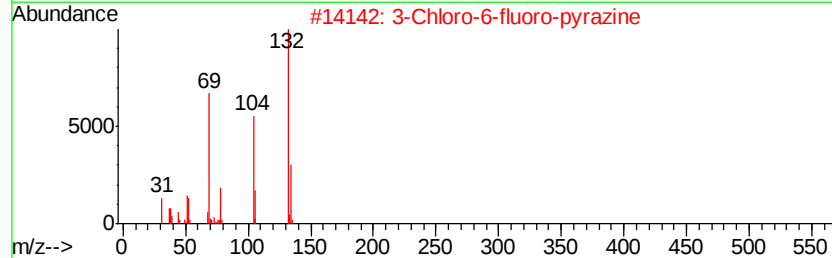
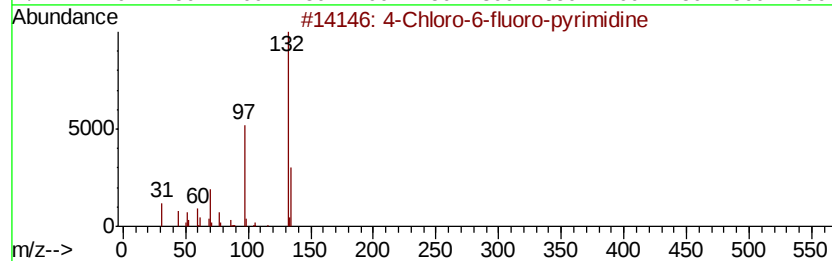
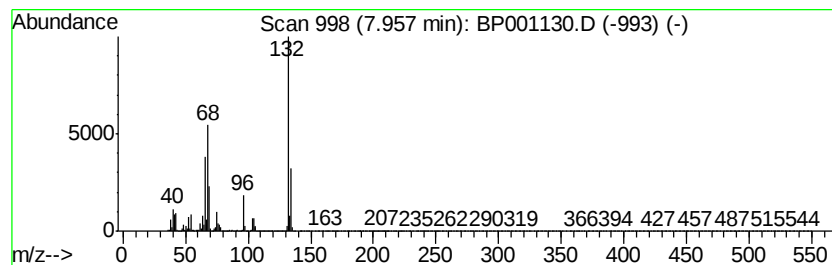
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Peak Number 2 unknown7.96 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.96	76.84 ng	4180930	1,4-Dichlorobenzene-d4	8.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2		3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
3		5-Aminoindole	132	C8H8N2	005192-03-0	22
4		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
5		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12



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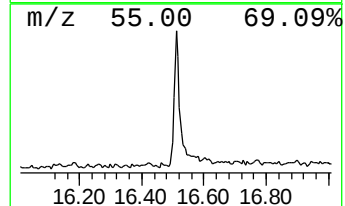
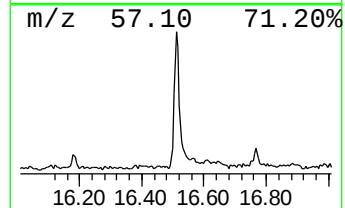
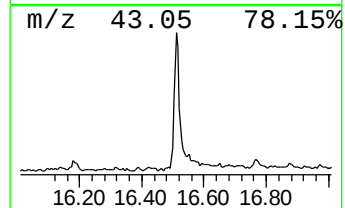
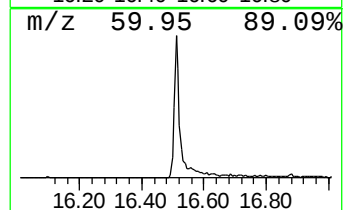
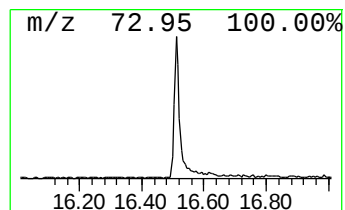
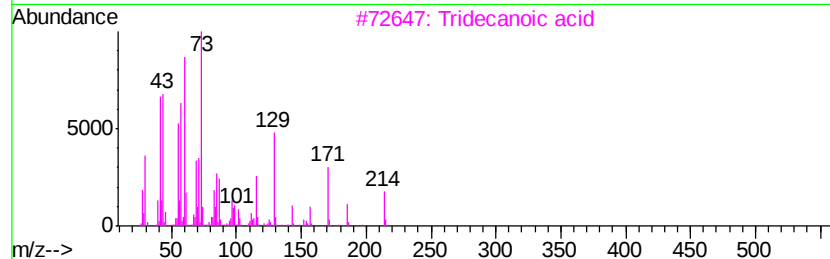
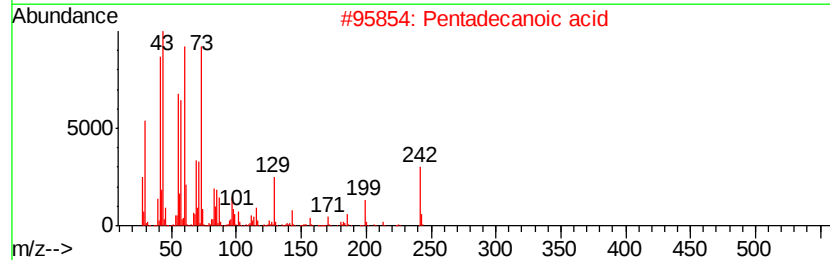
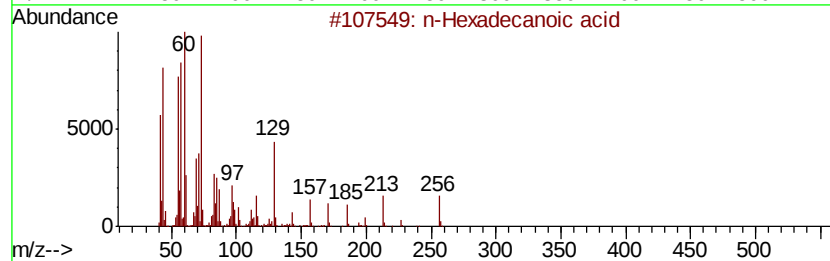
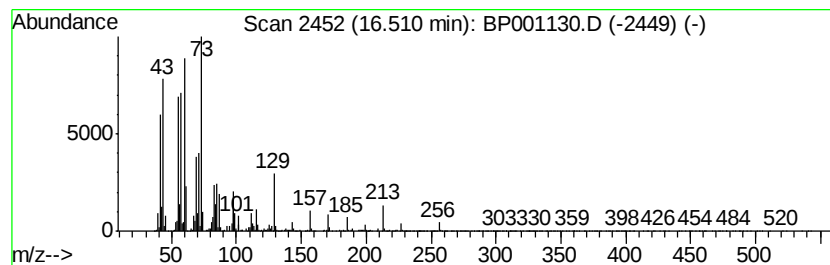
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.51	4.09 ng	309471	Phenanthrene-d10	15.62

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	86
3		Tridecanoic acid	214	C13H26O2	000638-53-9	80
4		Octadecanoic acid	284	C18H36O2	000057-11-4	62
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	59



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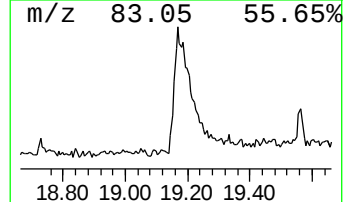
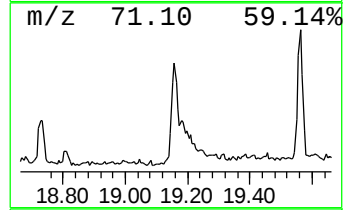
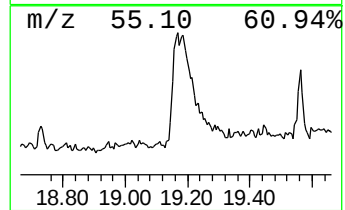
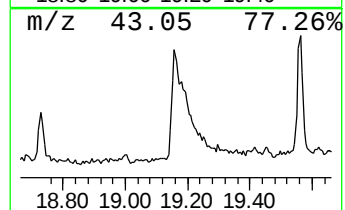
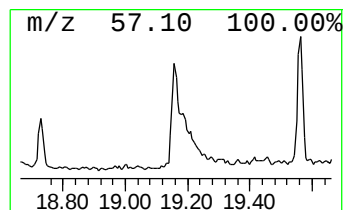
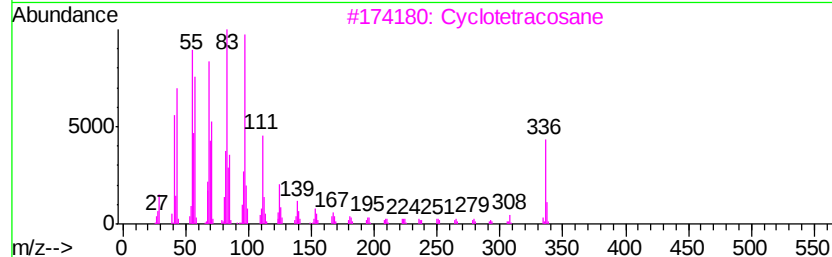
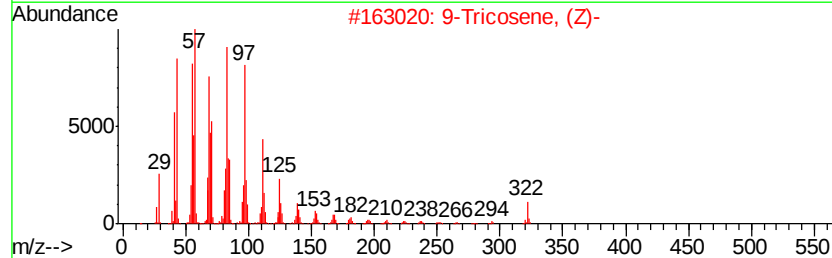
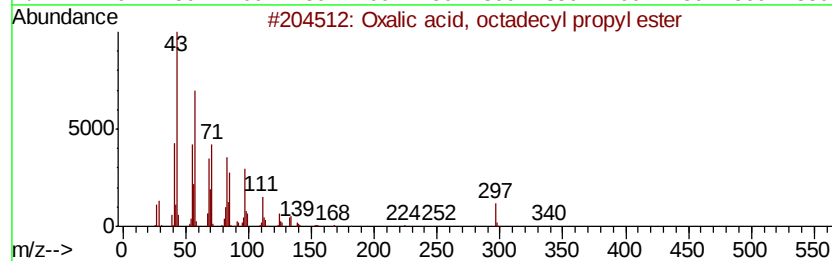
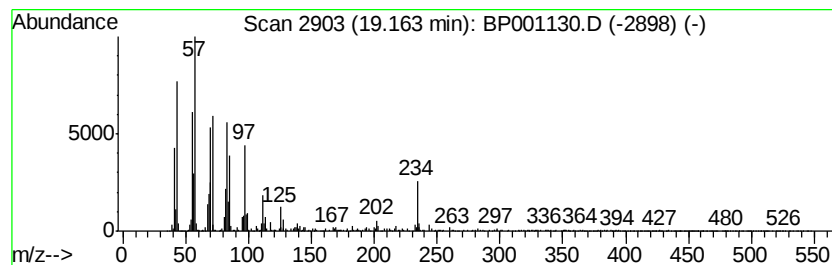
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Oxalic acid, octadecyl prop... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.16	2.96 ng	223687	Chrysene-d12	19.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Oxalic acid, octadecyl propyl ester	384	C23H44O4	1000309-27-0	68
2		9-Tricosene, (Z)-	322	C23H46	027519-02-4	60
3		Cyclotetracosane	336	C24H48	000297-03-0	53
4		n-Tetracosanol-1	354	C24H50O	000506-51-4	53
5		1-Heneicosanol	312	C21H44O	015594-90-8	53



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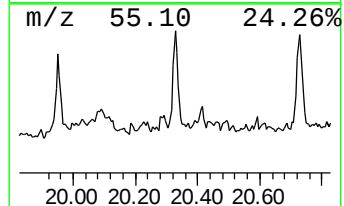
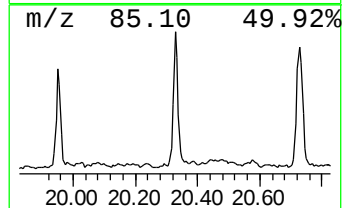
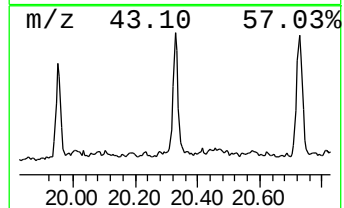
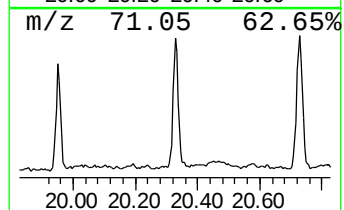
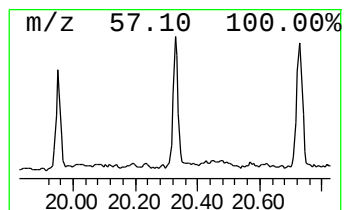
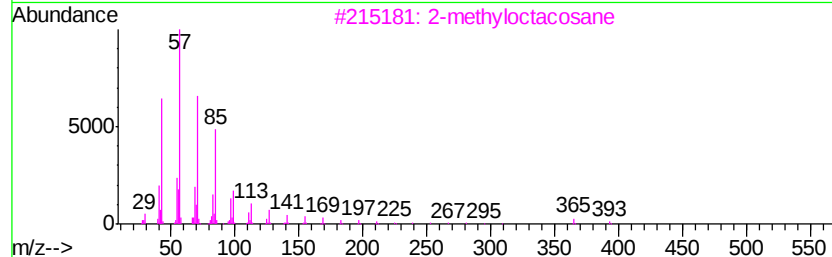
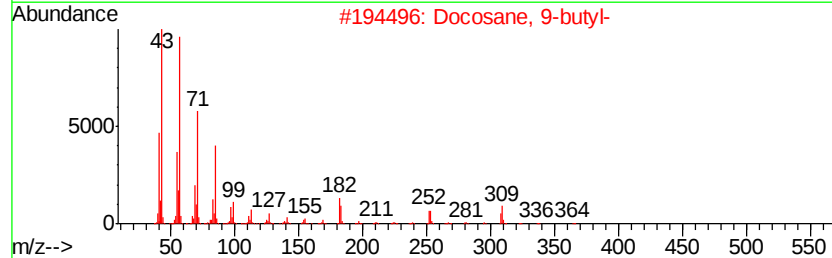
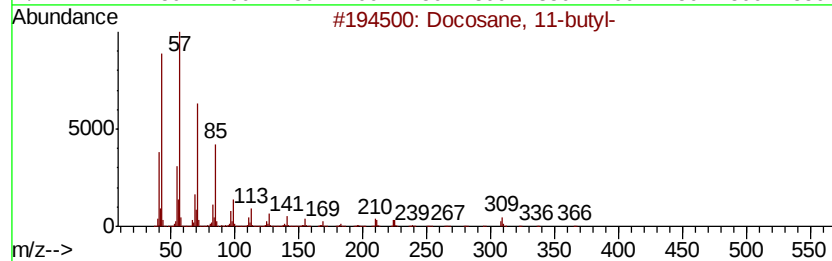
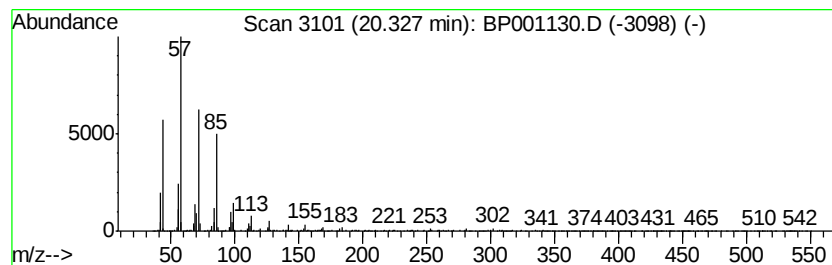
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TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

 Peak Number 6 Docosane, 11-butyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.33	3.45 ng	217473	Perylene-d12	21.05

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Docosane, 11-butyl-	366	C26H54	013475-76-8	93
2		Docosane, 9-butyl-	366	C26H54	055282-14-9	90
3		2-methyloctacosane	408	C29H60	1000376-72-8	87
4		Docosane, 5-butyl-	366	C26H54	055282-16-1	87
5		Heneicosane	296	C21H44	000629-94-7	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120219\
Data File : BP001130.D
Acq On : 02 Dec 2019 17:14
Operator : JU
Sample : K6022-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-16-S

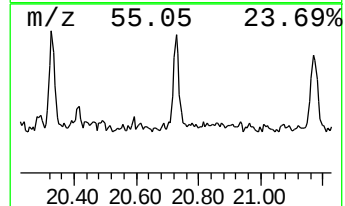
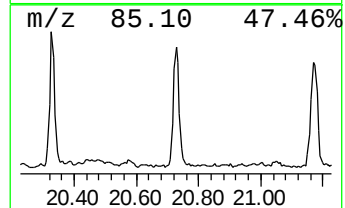
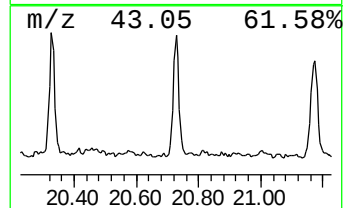
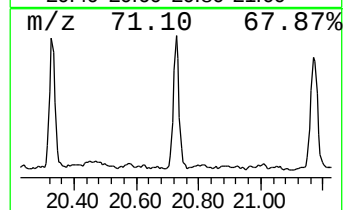
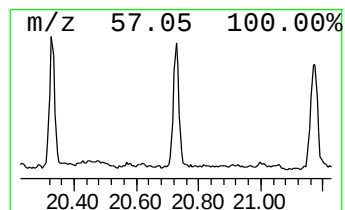
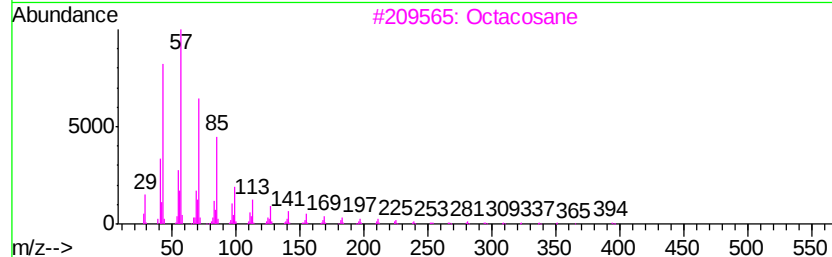
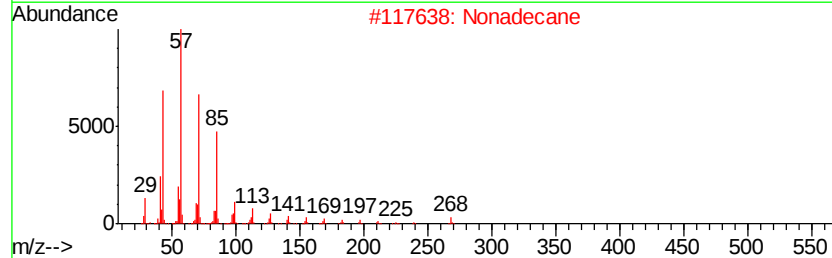
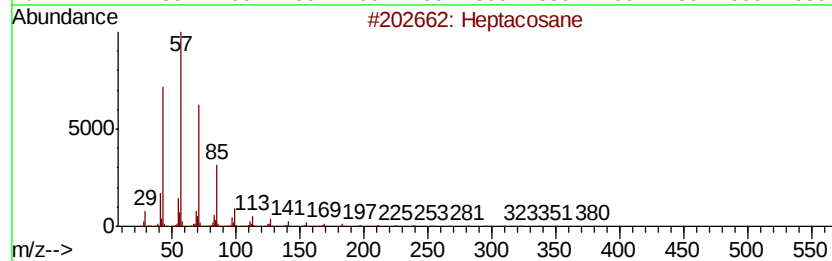
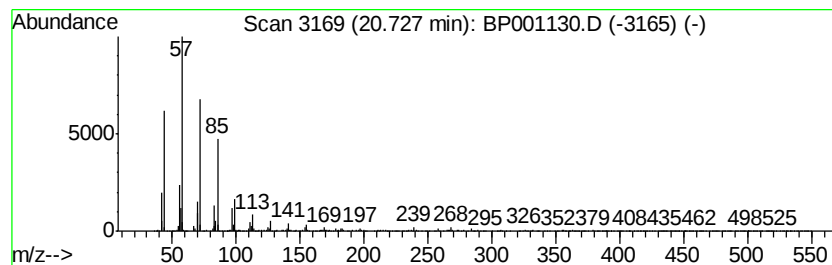
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Heptacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.73	3.48 ng	219719	Perylene-d12	21.05

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane	380	C27H56	000593-49-7	96
2		Nonadecane	268	C19H40	000629-92-5	91
3		Octacosane	394	C28H58	000630-02-4	90
4		Hexacosane	366	C26H54	000630-01-3	90
5		Heneicosane	296	C21H44	000629-94-7	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120219\
Data File : BP001130.D
Acq On : 02 Dec 2019 17:14
Operator : JU
Sample : K6022-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

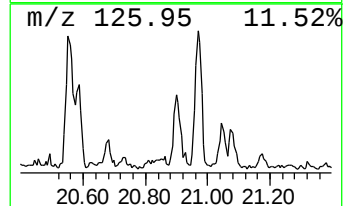
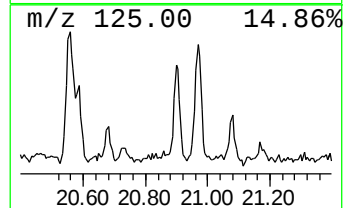
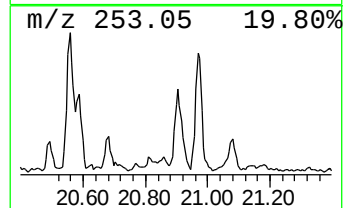
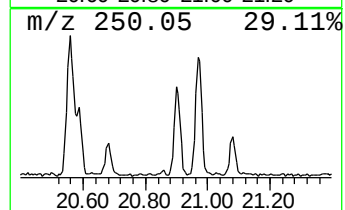
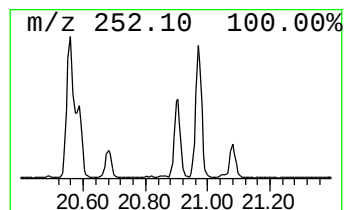
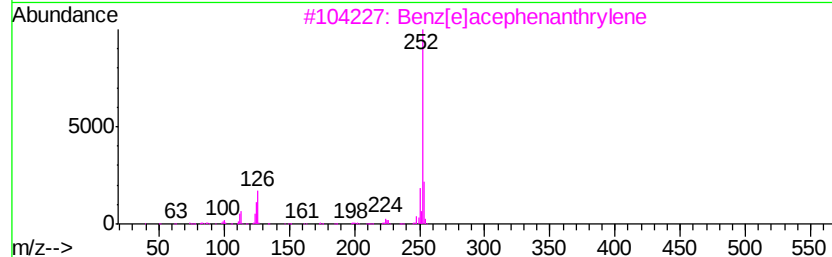
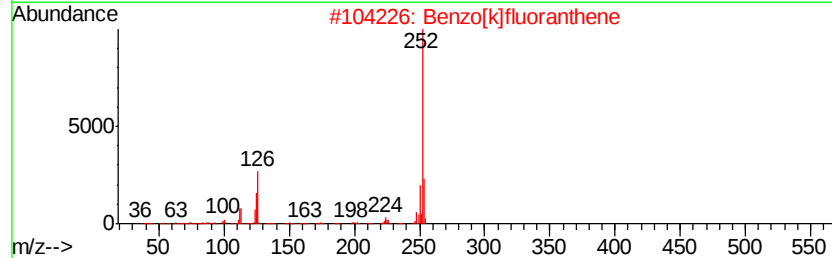
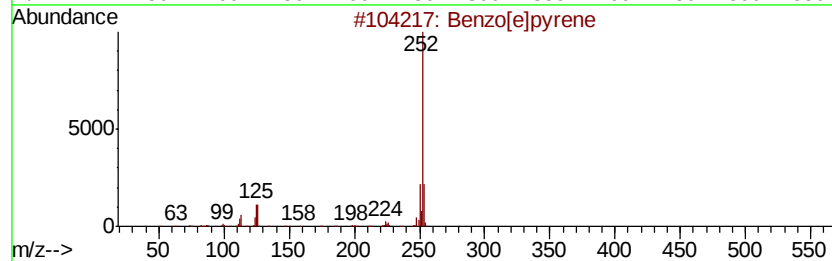
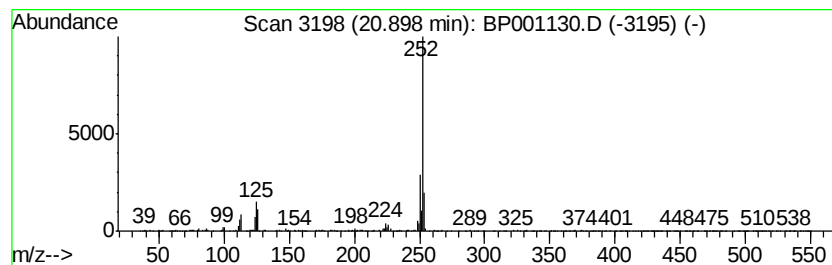
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Benzo[e]pyrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.90	2.23 ng	140717	Perylene-d12	21.05
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Benzo[e]pyrene	252 C20H12	000192-97-2	97
2	Benzo[k]fluoranthene	252 C20H12	000207-08-9	93
3	Benzo[e]acephenanthrylene	252 C20H12	000205-99-2	93
4	Benzo[a]pyrene	252 C20H12	000050-32-8	90
5	Perylene	252 C20H12	000198-55-0	76



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120219\
Data File : BP001130.D
Acq On : 02 Dec 2019 17:14
Operator : JU
Sample : K6022-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-16-S

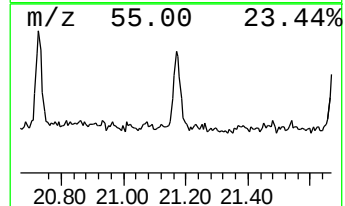
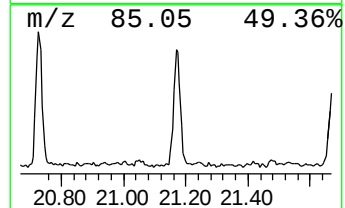
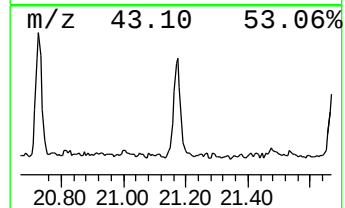
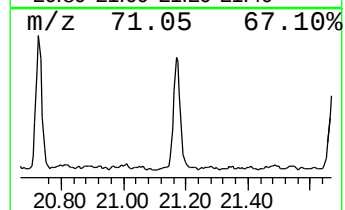
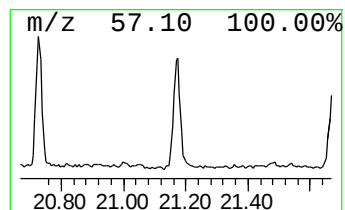
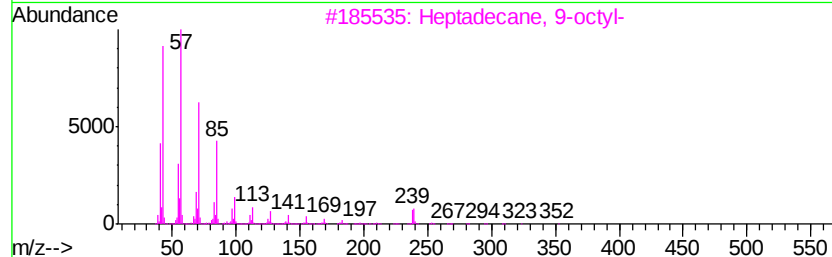
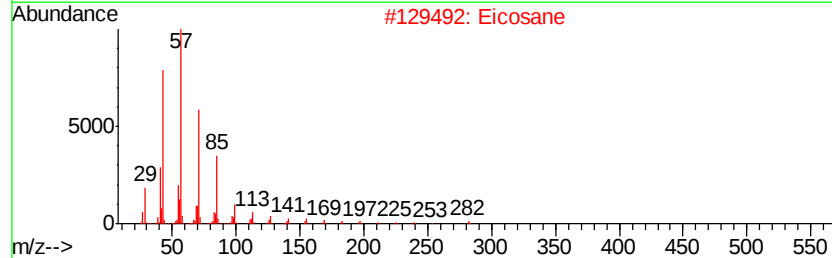
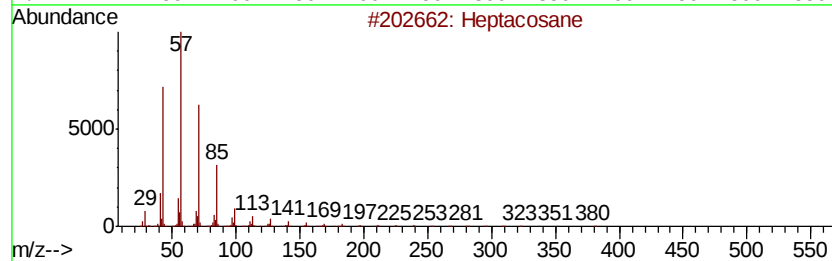
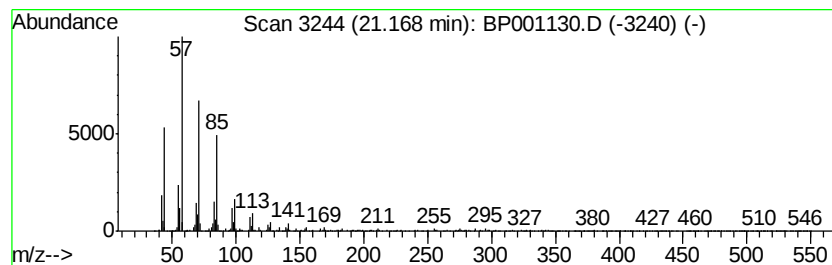
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Eicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.17	3.62 ng	228152	Perylene-d12	21.05

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane		380	C27H56	000593-49-7	93
2	Eicosane		282	C20H42	000112-95-8	93
3	Heptadecane, 9-octyl-		352	C25H52	007225-64-1	93
4	Hexacosane		366	C26H54	000630-01-3	90
5	Tricosane		324	C23H48	000638-67-5	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120219\
Data File : BP001130.D
Acq On : 02 Dec 2019 17:14
Operator : JU
Sample : K6022-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-16-S

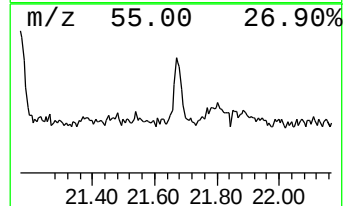
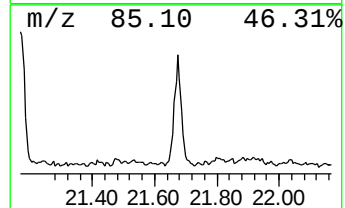
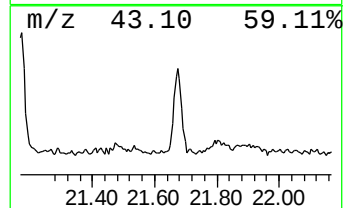
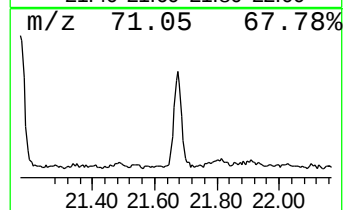
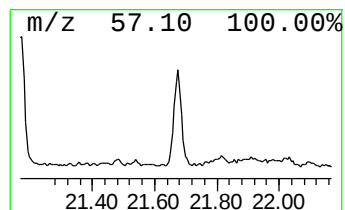
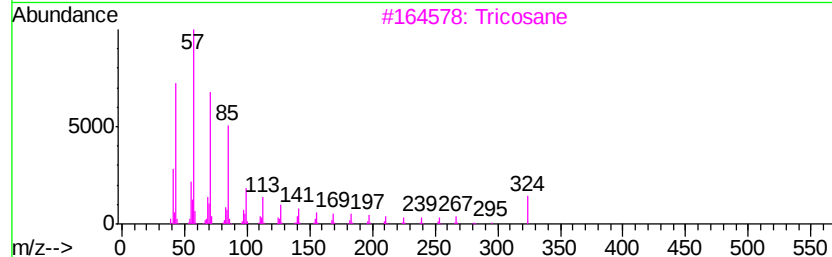
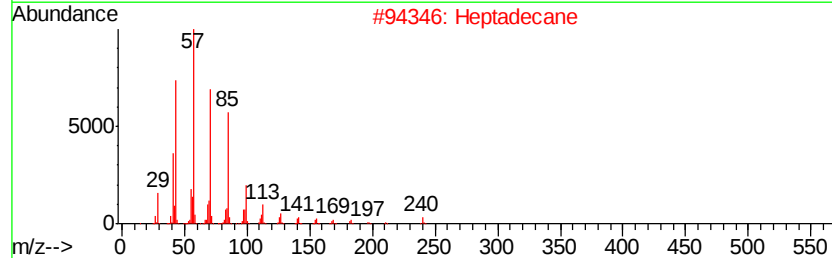
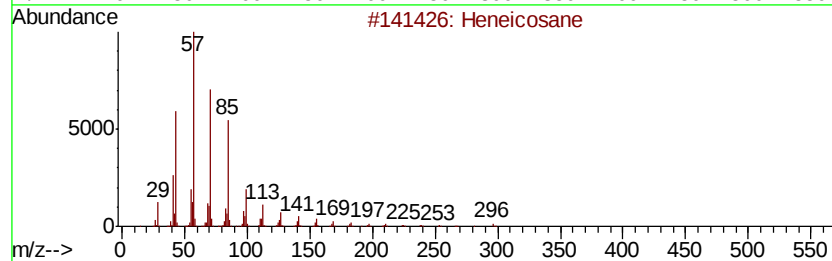
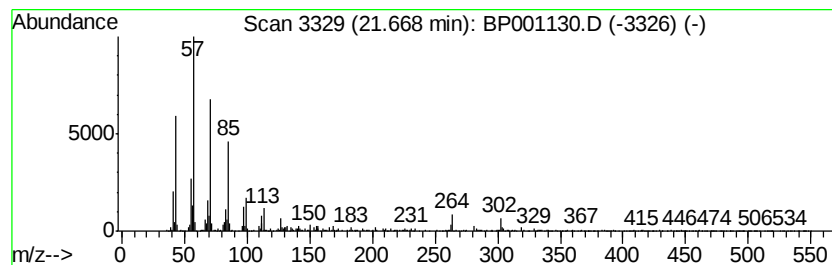
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Heneicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.67	3.37 ng	212659	Perylene-d12	21.05

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heneicosane	296	C21H44	000629-94-7	93
2			Heptadecane	240	C17H36	000629-78-7	80
3			Tricosane	324	C23H48	000638-67-5	76
4			Tridecane, 7-propyl-	226	C16H34	055045-09-5	68
5			5-Ethyl-5-methylnonadecane	310	C22H46	1000360-42-7	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP120219\
Data File : BP001130.D
Acq On : 02 Dec 2019 17:14
Operator : JU
Sample : K6022-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-16-S

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
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unknown7.96	7.96	76.8	ng	4180930	1	8.33	1088250	20.0
n-Hexadecanoic acid	16.51	4.1	ng	309471	4	15.62	1514640	20.0
Oxalic acid, octa...	19.16	3.0	ng	223687	5	19.27	1512430	20.0
Docosane, 11-butyl-	20.33	3.5	ng	217473	6	21.05	1261350	20.0
Heptacosane	20.73	3.5	ng	219719	6	21.05	1261350	20.0
Benzo[e]pyrene	20.90	2.2	ng	140717	6	21.05	1261350	20.0
Eicosane	21.17	3.6	ng	228152	6	21.05	1261350	20.0
Heneicosane	21.67	3.4	ng	212659	6	21.05	1261350	20.0