

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122419\
 Data File : BP001389.D
 Acq On : 24 Dec 2019 16:35
 Operator : JU
 Sample : K6396-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SB-1-(5-7)

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-BP121919.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	5.605	592	598	608	rVB	175859	295143	17.35%	1.733%
2	6.205	694	700	711	rBV	1152161	1453730	85.48%	8.538%
3	7.575	926	933	942	rBV5	7317	18285	1.08%	0.107%
4	7.681	946	951	955	rBV	13478	18534	1.09%	0.109%
5	7.752	955	963	972	rBV	1183564	1646114	96.79%	9.668%
6	7.834	972	977	985	rVB2	32371	48128	2.83%	0.283%
7	7.928	985	993	997	rBV	1349356	1623300	95.45%	9.534%
8	8.281	1048	1053	1061	rBV	348710	398607	23.44%	2.341%
9	8.522	1084	1094	1099	rBV	984582	1205827	70.90%	7.082%
10	9.169	1195	1204	1208	rBV	764238	1025749	60.31%	6.025%
11	9.228	1210	1214	1220	rVB	16913	22471	1.32%	0.132%
12	9.916	1320	1331	1337	rBV3	23367	33534	1.97%	0.197%
13	10.316	1393	1399	1403	rBV	404330	497104	29.23%	2.920%
14	11.481	1591	1597	1603	rBV	13533	17821	1.05%	0.105%
15	12.098	1694	1702	1706	rBV	1422927	1700720	100.00%	9.989%
16	12.504	1766	1771	1778	rBV4	9547	18533	1.09%	0.109%
17	12.634	1787	1793	1797	rBV2	13366	20615	1.21%	0.121%
18	12.763	1810	1815	1820	rBV	59278	67156	3.95%	0.394%
19	13.181	1879	1886	1891	rBV	508302	627660	36.91%	3.686%
20	13.516	1938	1943	1951	rBV2	13650	24705	1.45%	0.145%
21	13.598	1951	1957	1960	rBV3	10735	17346	1.02%	0.102%
22	14.475	2098	2106	2116	rBV	1094905	1390000	81.73%	8.164%
23	15.581	2285	2294	2297	rBV	532302	630517	37.07%	3.703%
24	15.610	2297	2299	2304	rVB	93156	97758	5.75%	0.574%
25	15.692	2309	2313	2315	rBV	18941	20820	1.22%	0.122%
26	16.333	2418	2422	2425	rBV	23545	25271	1.49%	0.148%
27	16.375	2425	2429	2435	rVB	32256	41799	2.46%	0.245%
28	16.469	2442	2445	2452	rBV2	95899	148278	8.72%	0.871%
29	16.769	2492	2496	2504	rVB3	18396	31023	1.82%	0.182%
30	17.116	2549	2555	2560	rBV3	29046	44453	2.61%	0.261%
31	17.328	2583	2591	2594	rBV	95491	113748	6.69%	0.668%
32	17.416	2601	2606	2610	rBV3	40446	47044	2.77%	0.276%
33	17.557	2627	2630	2635	rBV3	21561	25557	1.50%	0.150%
34	17.628	2638	2642	2647	rVB2	86718	102359	6.02%	0.601%

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	17.863	2676	2682	2686	rBV	1322984	1407409	82.75%	8.266%
36	18.039	2707	2712	2716	rVV6	26339	40612	2.39%	0.239%
37	18.086	2717	2720	2724	rVB	18846	21912	1.29%	0.129%
38	18.233	2739	2745	2754	rBV4	22408	44478	2.62%	0.261%
39	18.680	2818	2821	2825	rVB	23920	23407	1.38%	0.137%
40	19.110	2890	2894	2905	rBV4	81668	217659	12.80%	1.278%
41	19.222	2907	2913	2917	rVV	449158	550656	32.38%	3.234%
42	19.251	2917	2918	2923	rVB	39016	35729	2.10%	0.210%
43	19.351	2930	2935	2942	rBV6	8965	17403	1.02%	0.102%
44	19.516	2959	2963	2968	rVB2	49263	55078	3.24%	0.323%
45	19.727	2994	2999	3002	rVB	12695	18294	1.08%	0.107%
46	19.904	3023	3029	3033	rBV	64994	75765	4.45%	0.445%
47	20.280	3089	3093	3098	rVB	77131	87133	5.12%	0.512%
48	20.504	3127	3131	3135	rBV2	29442	48805	2.87%	0.287%
49	20.669	3155	3159	3167	rVB	75768	100747	5.92%	0.592%
50	20.845	3185	3189	3196	rVB	18635	30789	1.81%	0.181%
51	20.916	3197	3201	3208	rBV	27298	35468	2.09%	0.208%
52	20.992	3208	3214	3219	rBV	316099	411799	24.21%	2.419%
53	21.104	3228	3233	3239	rVB	70354	103876	6.11%	0.610%
54	21.598	3311	3317	3324	rBV	60469	106182	6.24%	0.624%
55	22.163	3407	3413	3418	rBV3	34092	66287	3.90%	0.389%
56	22.604	3484	3488	3501	rVB2	9950	26932	1.58%	0.158%

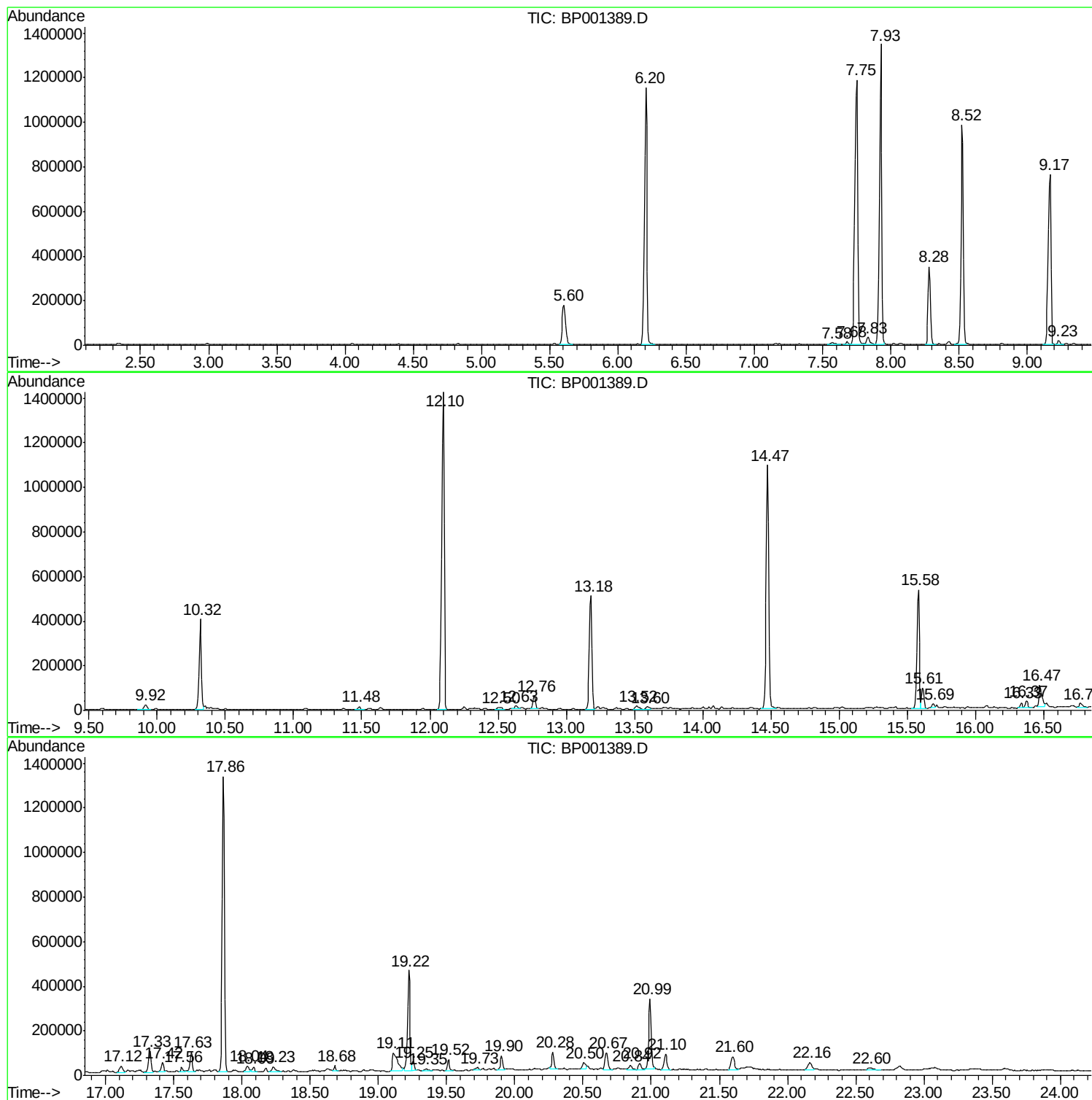
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP121919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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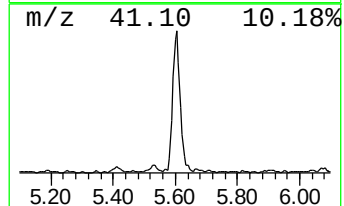
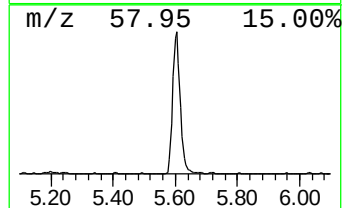
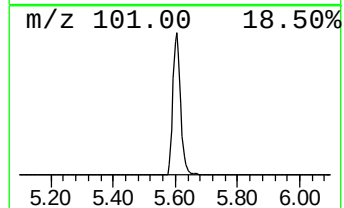
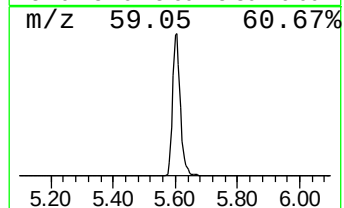
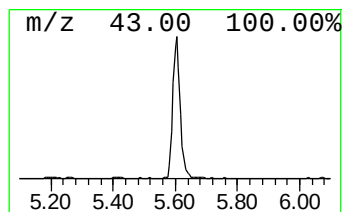
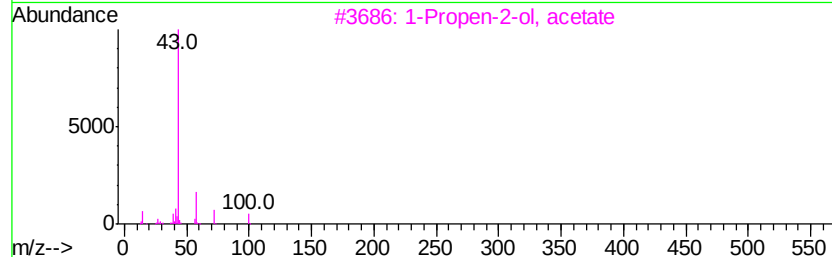
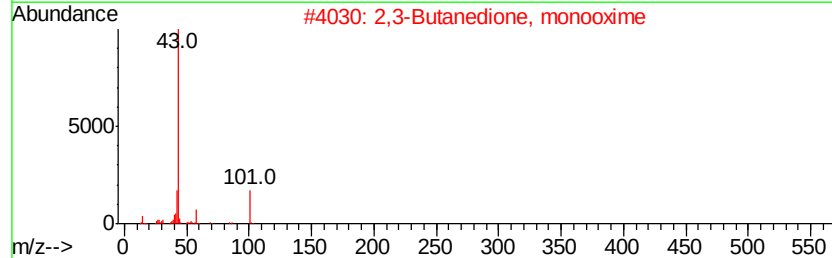
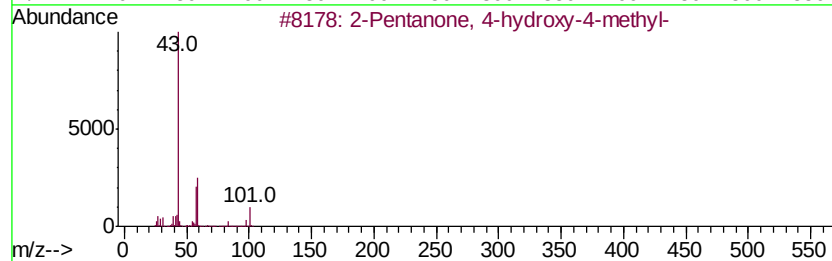
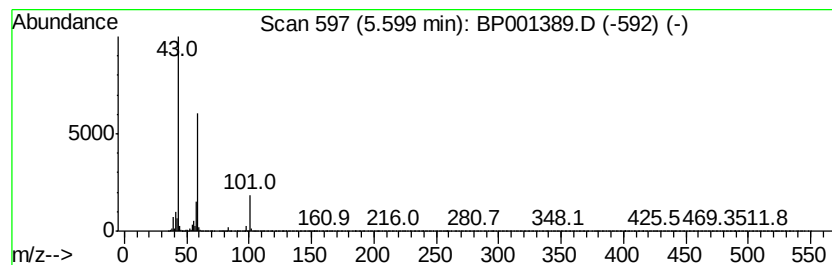
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.60	14.81 ng	295143	1,4-Dichlorobenzene-d4	8.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16
3		1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
4		Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5		n-Propyl t-butyl ether	116	C7H16O	1000334-81-9	9



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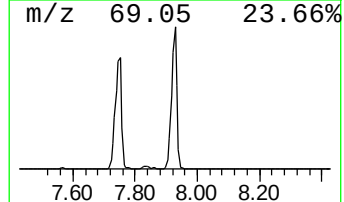
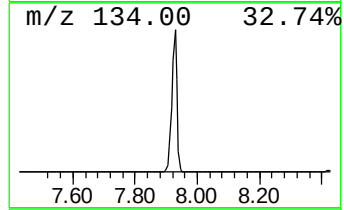
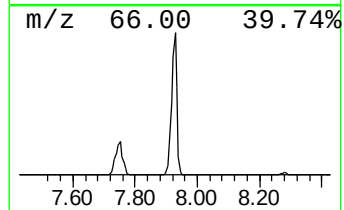
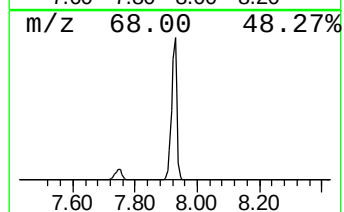
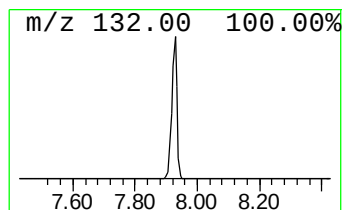
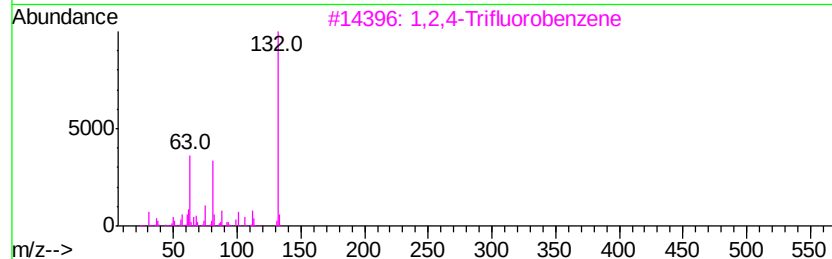
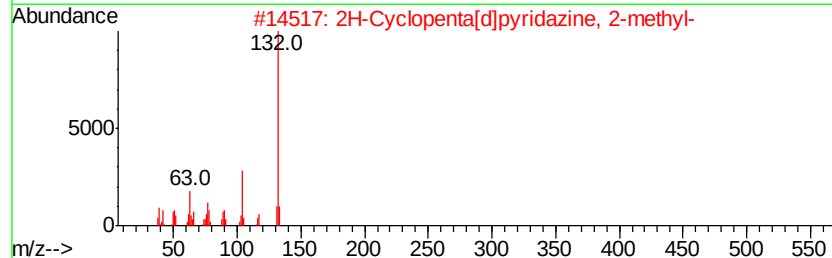
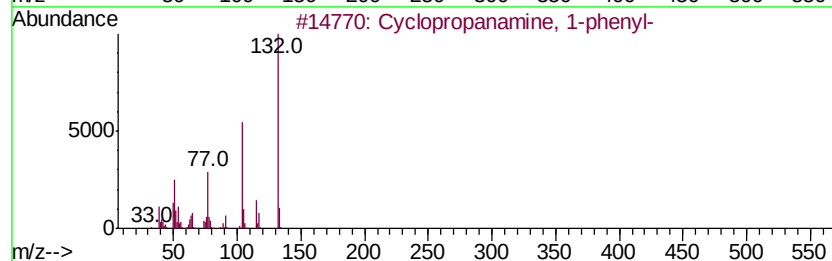
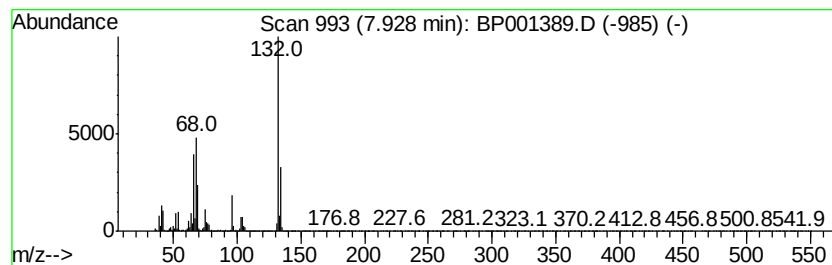
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP121919.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown7.93 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.93	81.45 ng	1623300	1,4-Dichlorobenzene-d4	8.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopropanamine, 1-phenyl-	133	C9H11N	1000351-26-2	10
2		2H-Cyclopenta[d]pyridazine, 2-methyl-	132	C8H8N2	022291-85-6	10
3		1,2,4-Trifluorobenzene	132	C6H3F3	000367-23-7	9
4		1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
5		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9



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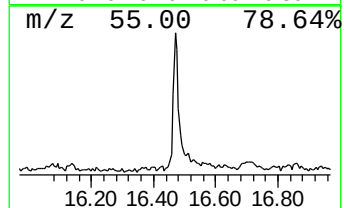
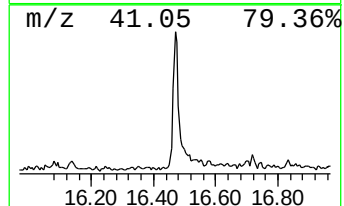
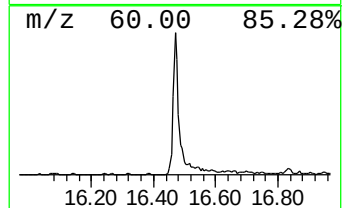
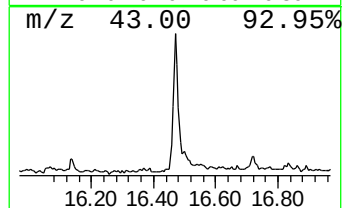
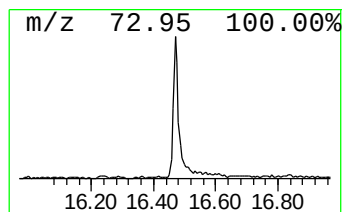
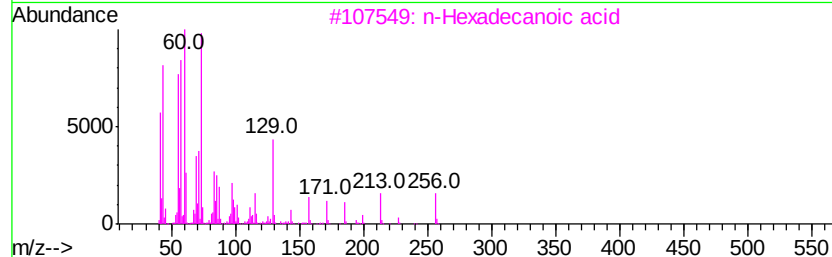
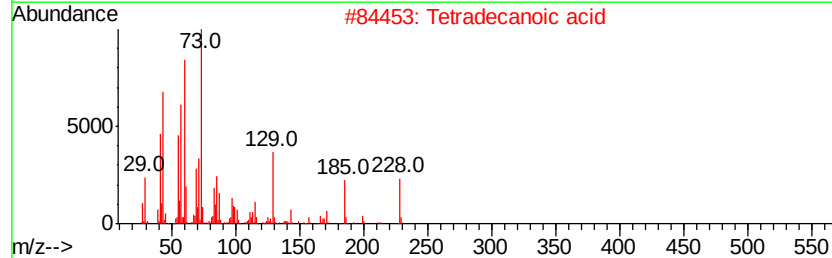
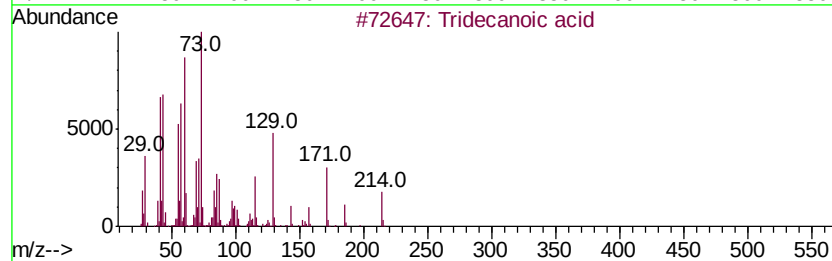
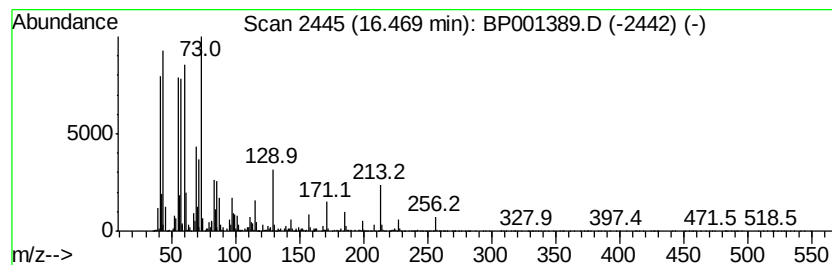
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Tridecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD		R.T.
16.47	4.70 ng	148278	Phenanthrene-d10		15.58
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	98
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	95
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
5	Undecanoic acid	186	C11H22O2	000112-37-8	72



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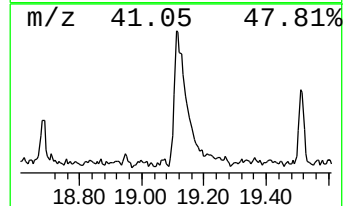
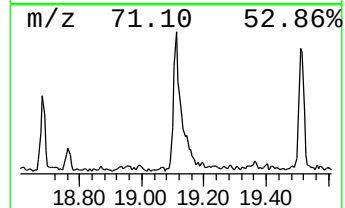
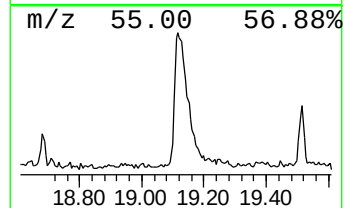
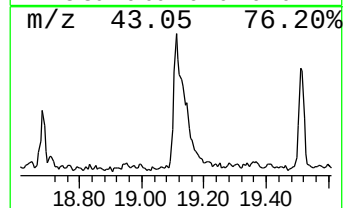
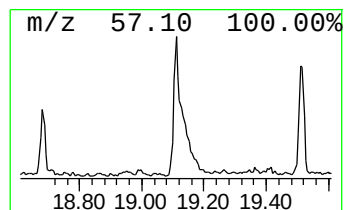
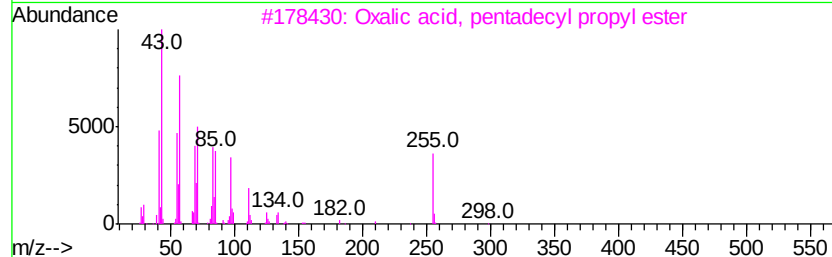
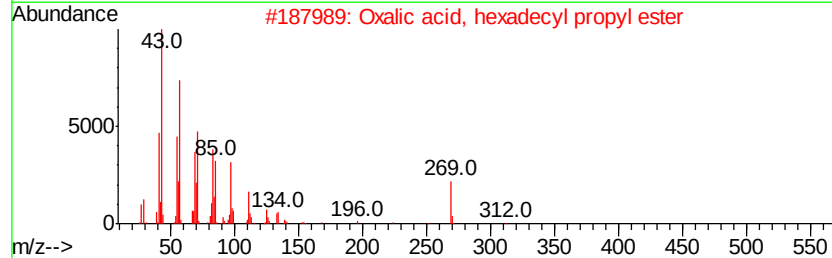
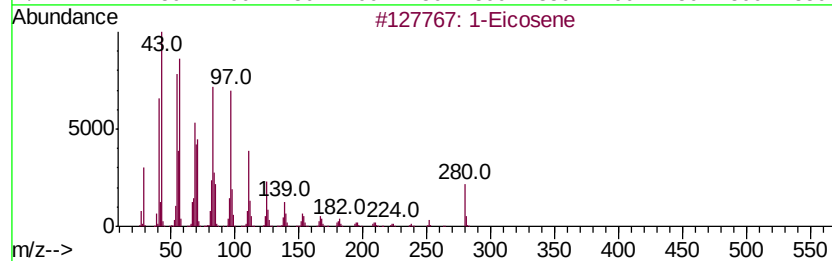
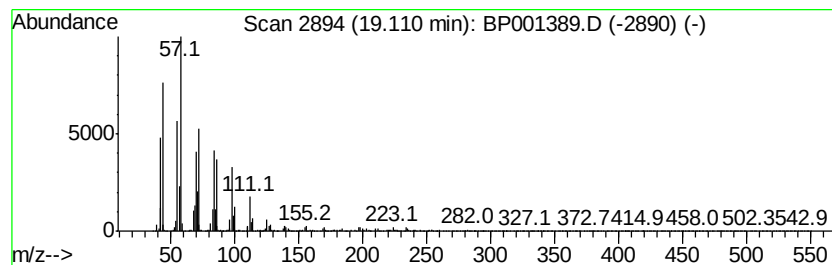
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 1-Eicosene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD		R.T.	
19.11	7.91 ng	217659	Chrysene-d12		19.22	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Eicosene		280	C20H40	003452-07-1	93
2	Oxalic acid, hexadecyl propyl ester		356	C21H40O4	1000309-26-9	90
3	Oxalic acid, pentadecyl propyl e...		342	C20H38O4	1000309-26-8	90
4	9-Tricosene, (Z)-		322	C23H46	027519-02-4	86
5	Cyclotetradecane		196	C14H28	000295-17-0	83



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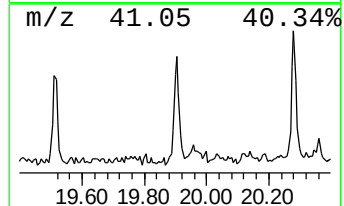
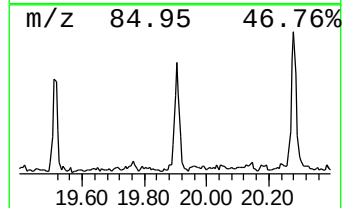
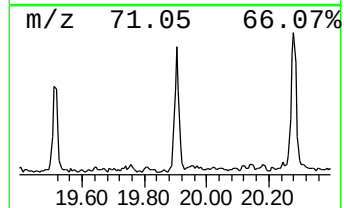
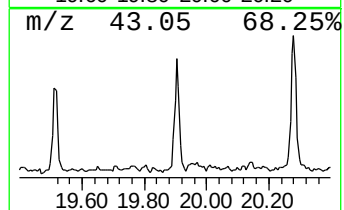
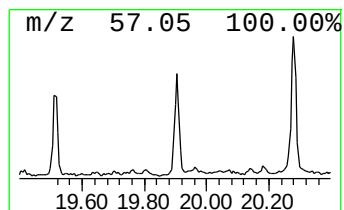
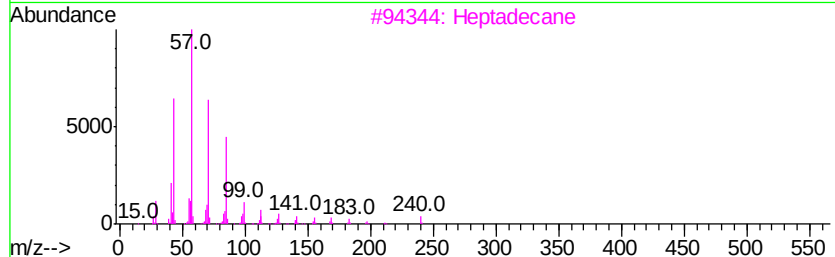
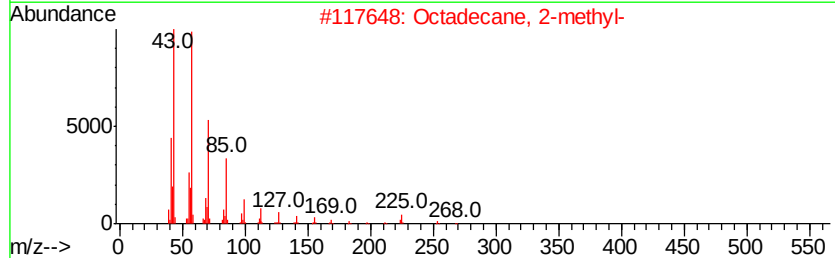
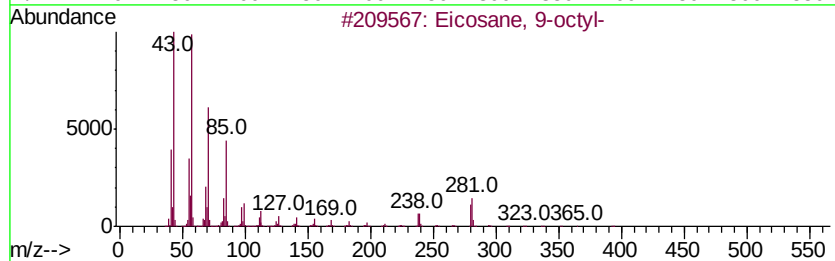
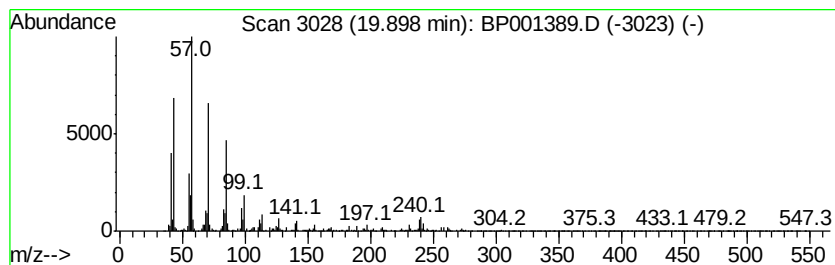
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Eicosane, 9-octyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.90	2.75 ng	75765	Chrysene-d12	19.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane, 9-octyl-	394	C28H58	013475-77-9	93
2		Octadecane, 2-methyl-	268	C19H40	001560-88-9	93
3		Heptadecane	240	C17H36	000629-78-7	91
4		Octacosane	394	C28H58	000630-02-4	90
5		2-methyloctacosane	408	C29H60	1000376-72-8	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122419\
Data File : BP001389.D
Acq On : 24 Dec 2019 16:35
Operator : JU
Sample : K6396-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-1-(5-7)

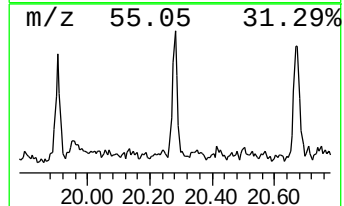
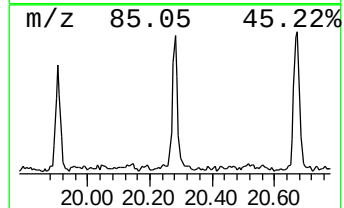
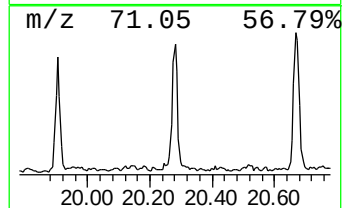
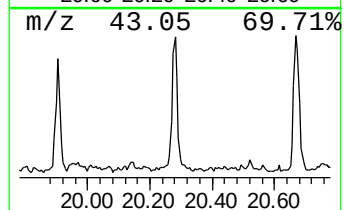
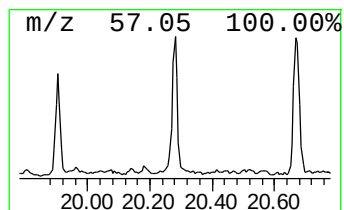
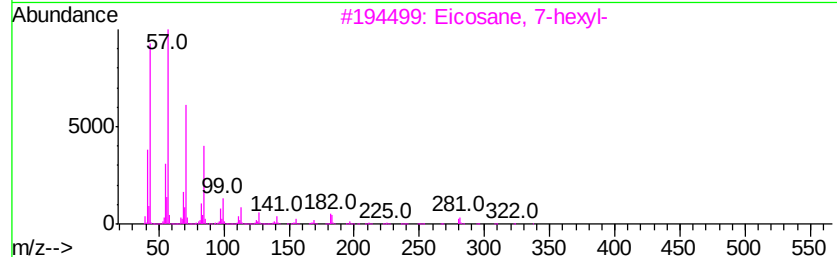
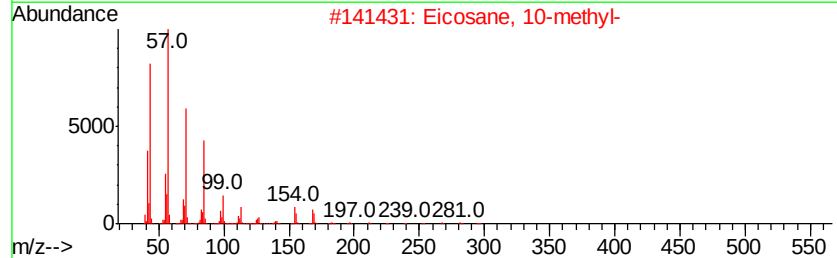
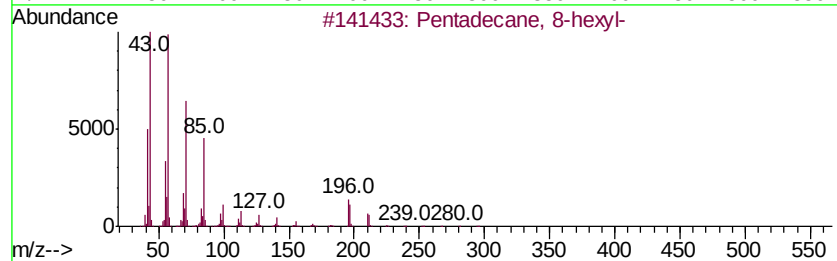
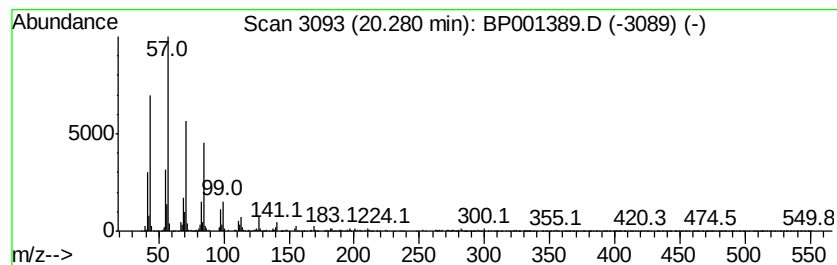
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Pentadecane, 8-hexyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.28	4.23 ng	87133	Perylene-d12	20.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	91
2		Eicosane, 10-methyl-	296	C21H44	054833-23-7	91
3		Eicosane, 7-hexyl-	366	C26H54	055333-99-8	87
4		Hexacosane	366	C26H54	000630-01-3	87
5		2-methyloctacosane	408	C29H60	1000376-72-8	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122419\
Data File : BP001389.D
Acq On : 24 Dec 2019 16:35
Operator : JU
Sample : K6396-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

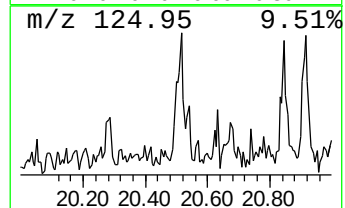
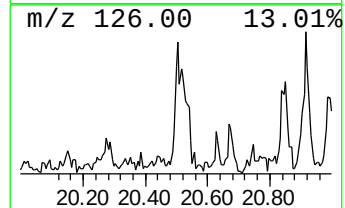
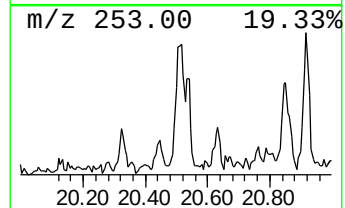
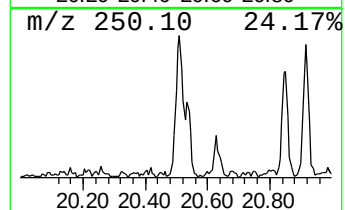
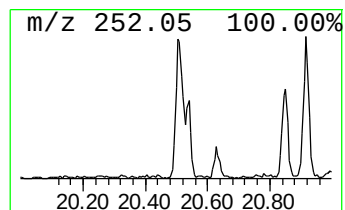
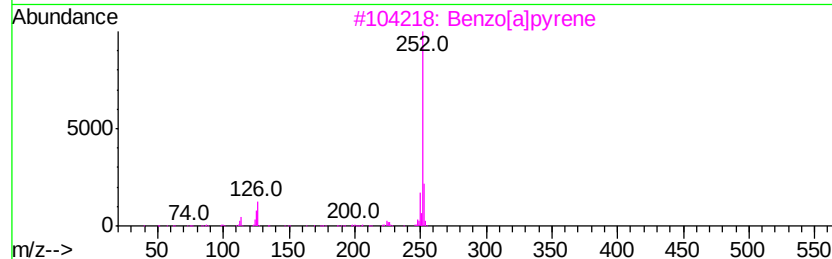
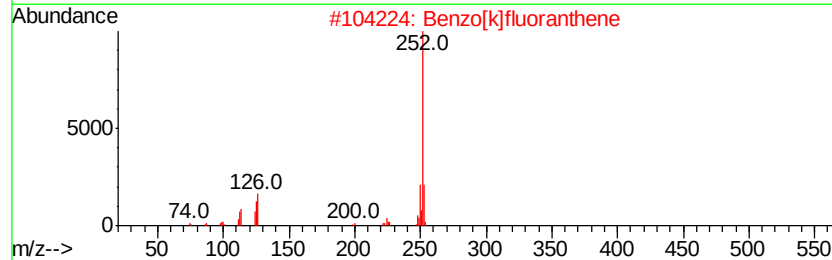
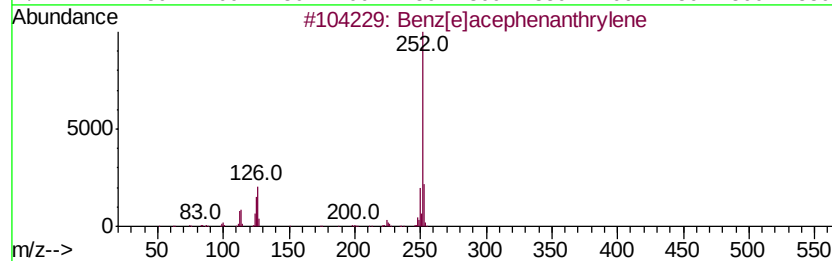
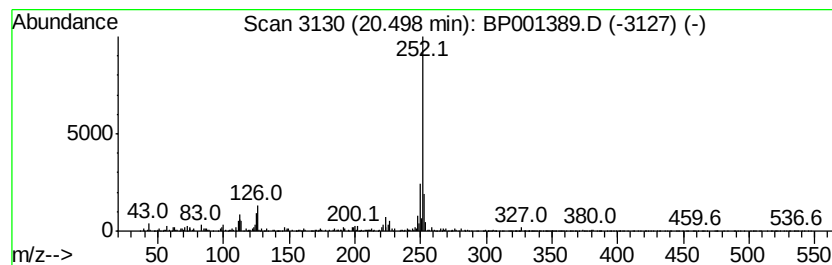
Instrument :
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ClientSampleId :
SB-1-(5-7)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP121919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Benzo[e]pyrene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.50	2.37 ng	48805	Perylene-d12	20.99
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benz[e]acephenanthrylene	252 C20H12	000205-99-2 89
2		Benzo[k]fluoranthene	252 C20H12	000207-08-9 86
3		Benzo[a]pyrene	252 C20H12	000050-32-8 81
4		Benzo[e]pyrene	252 C20H12	000192-97-2 81
5		(1-Cyclopentenyl)ferrocene	252 C15H16Fe	012260-67-2 72



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122419\
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 Acq On : 24 Dec 2019 16:35
 Operator : JU
 Sample : K6396-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

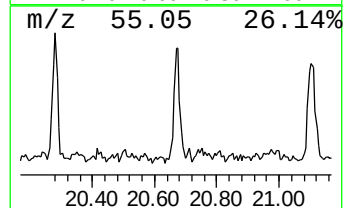
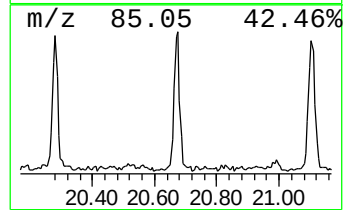
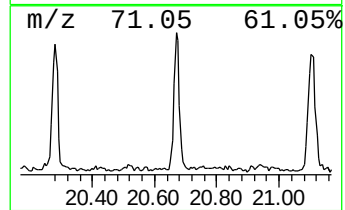
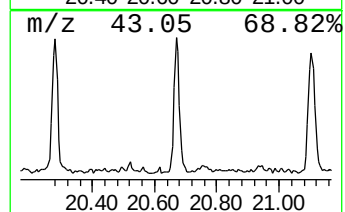
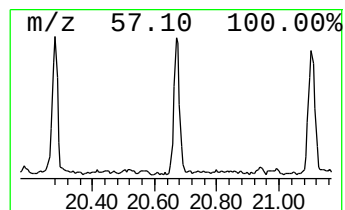
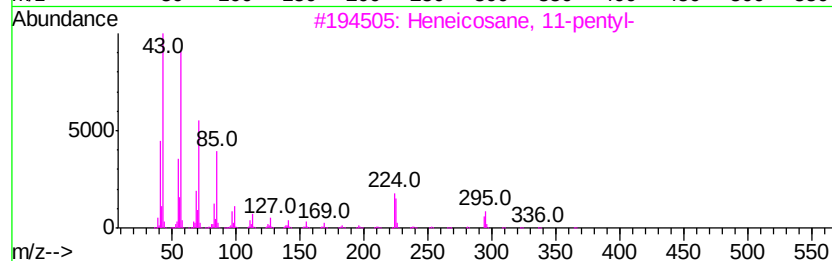
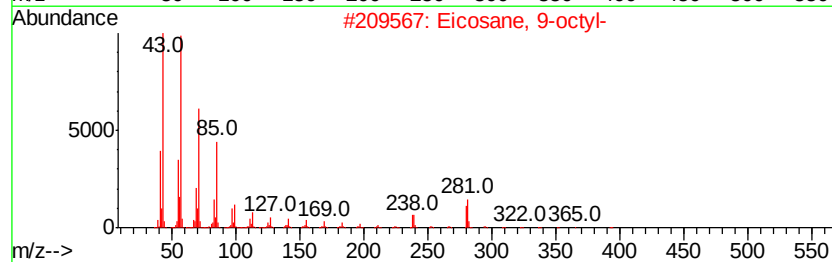
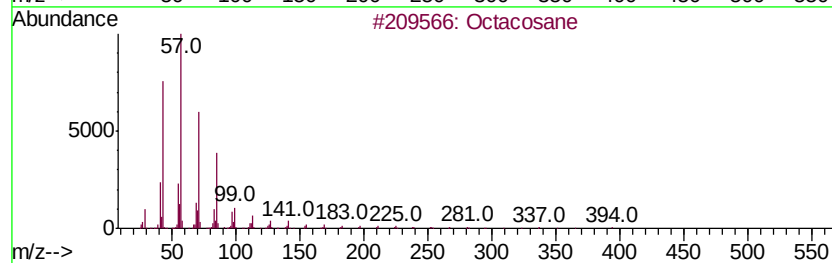
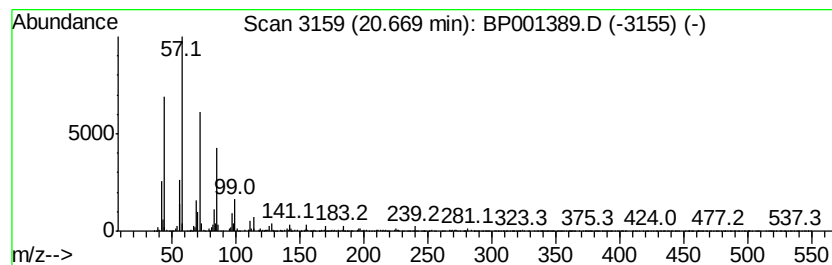
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP121919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 11 Octacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD		R.T.
20.67	4.89 ng	100747	Perylene-d12		20.99
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	91
2	Eicosane, 9-octyl-	394	C28H58	013475-77-9	91
3	Heneicosane, 11-pentyl-	366	C26H54	014739-72-1	90
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	87
5	Eicosane	282	C20H42	000112-95-8	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122419\
Data File : BP001389.D
Acq On : 24 Dec 2019 16:35
Operator : JU
Sample : K6396-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-1-(5-7)

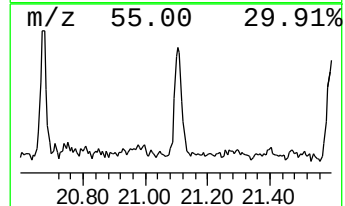
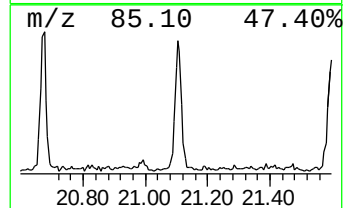
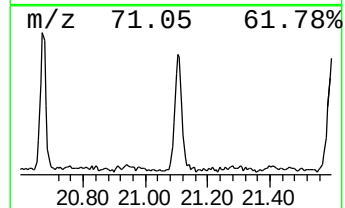
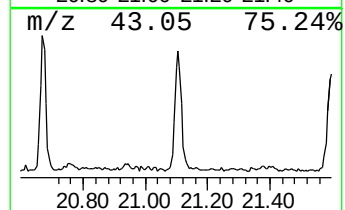
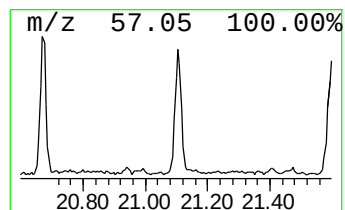
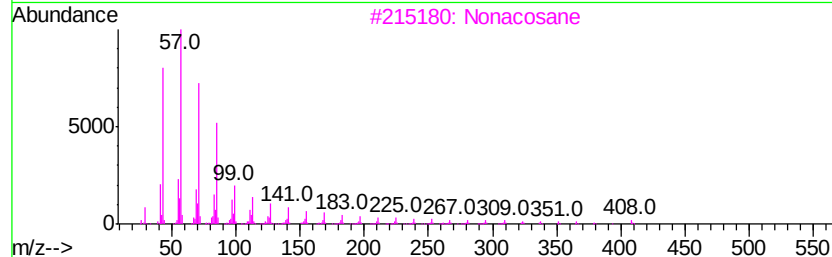
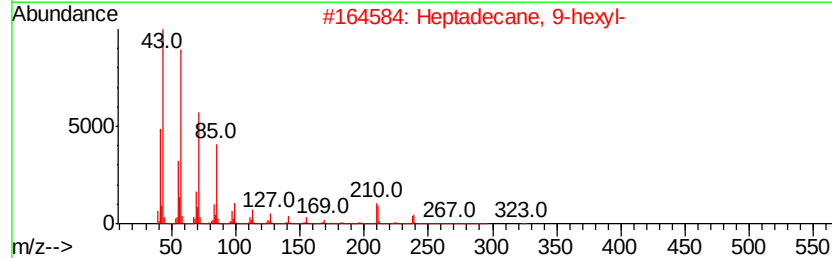
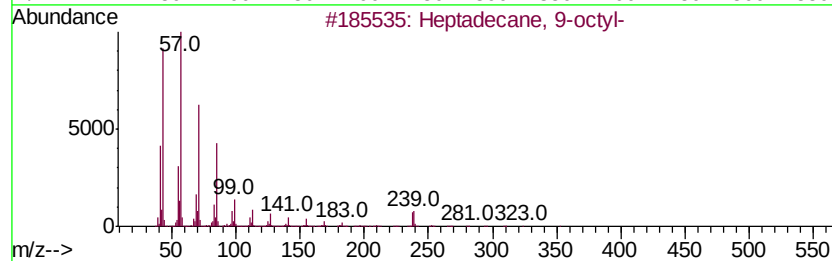
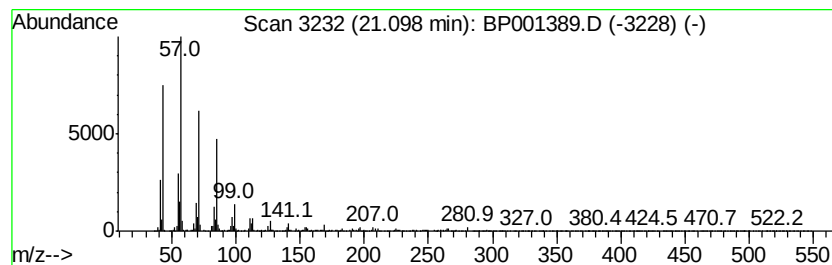
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Heptadecane, 9-octyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.10	5.04 ng	103876	Perylene-d12	20.99

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane, 9-octyl-	352	C25H52	007225-64-1	94
2			Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	93
3			Nonacosane	408	C29H60	000630-03-5	93
4			2-methyloctacosane	408	C29H60	1000376-72-8	90
5			Heneicosane, 11-decyl-	437	C31H64	055320-06-4	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122419\
Data File : BP001389.D
Acq On : 24 Dec 2019 16:35
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Misc :
ALS Vial : 7 Sample Multiplier: 1

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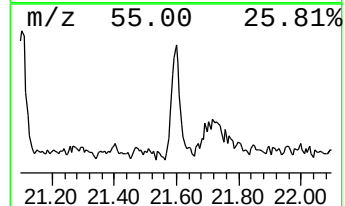
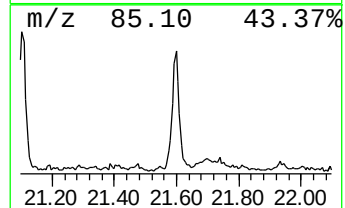
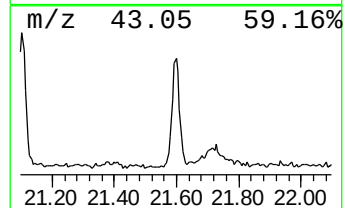
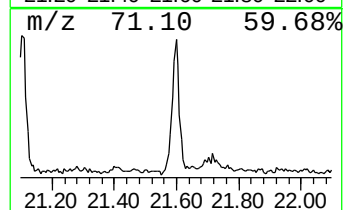
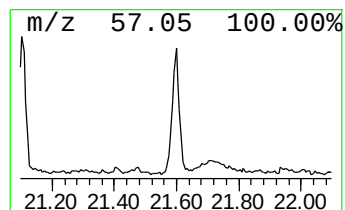
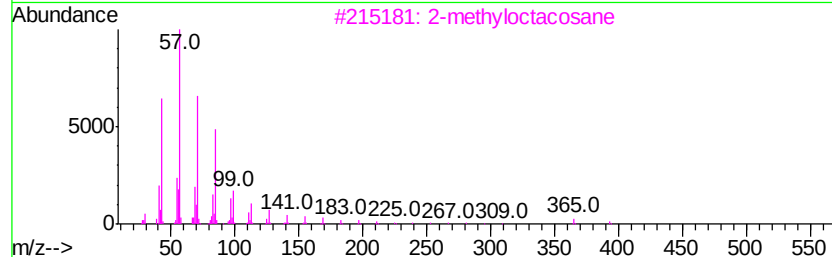
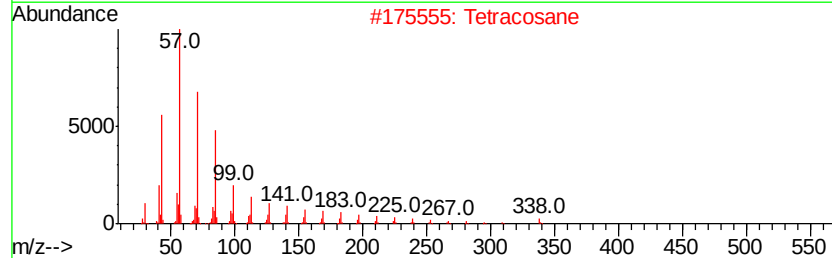
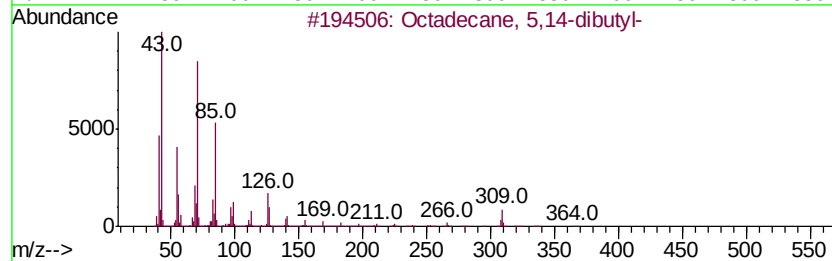
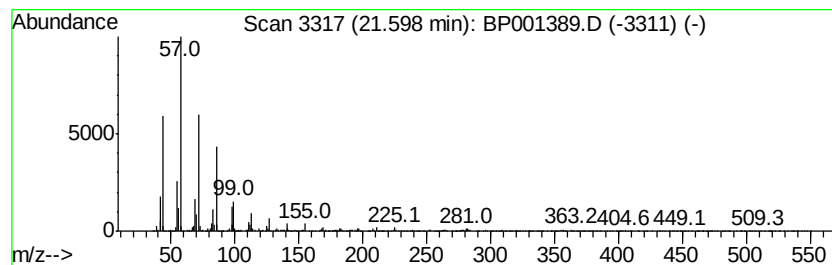
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Octadecane, 5,14-dibutyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.60	5.16 ng	106182	Perylene-d12	20.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane, 5,14-dibutyl-	366	C26H54	055282-13-8	89
2		Tetracosane	338	C24H50	000646-31-1	87
3		2-methyloctacosane	408	C29H60	1000376-72-8	87
4		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	87
5		Eicosane	282	C20H42	000112-95-8	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122419\
Data File : BP001389.D
Acq On : 24 Dec 2019 16:35
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Misc :
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Instrument :
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ClientSampleId :
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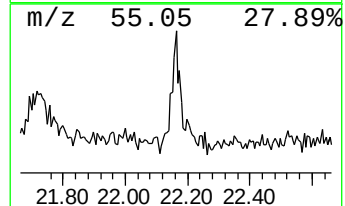
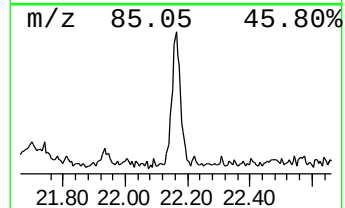
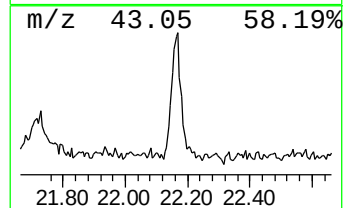
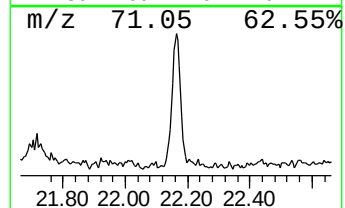
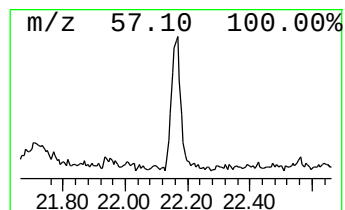
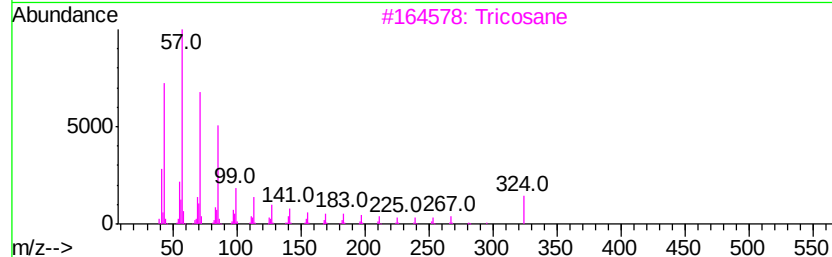
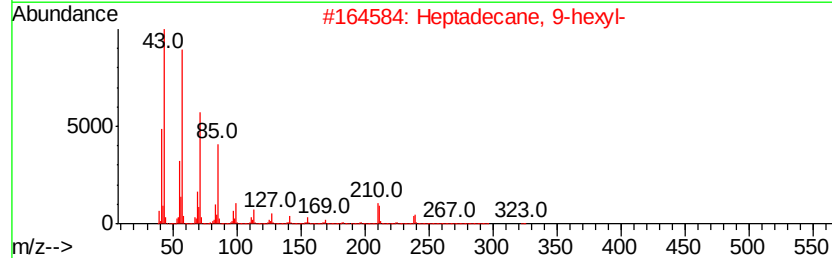
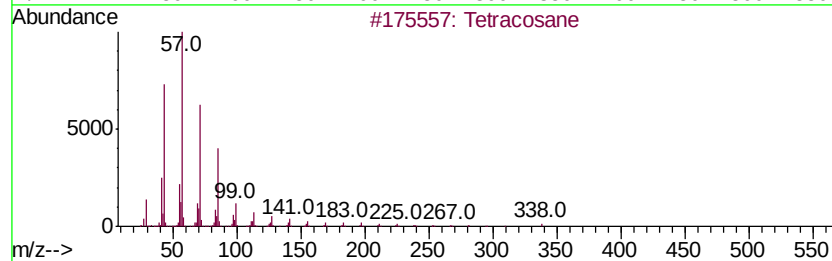
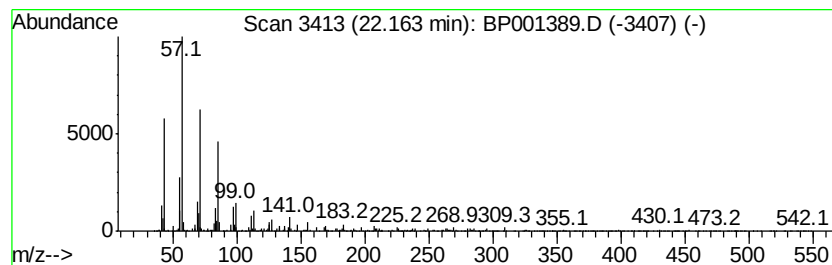
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Tetracosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.16	3.22 ng	66287	Perylene-d12	20.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	93
2		Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	93
3		Tricosane	324	C23H48	000638-67-5	91
4		Hentriacontane	437	C31H64	000630-04-6	90
5		2-methyloctacosane	408	C29H60	1000376-72-8	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP122419\
 Data File : BP001389.D
 Acq On : 24 Dec 2019 16:35
 Operator : JU
 Sample : K6396-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 SB-1-(5-7)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP121919.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...	5.60	14.8	ng	295143	1	8.28	398607	20.0
Cyclohexane, 1-me...	7.83	2.4	ng	48128	1	8.28	398607	20.0
unknown7.93	7.93	81.5	ng	1623300	1	8.28	398607	20.0
Tridecanoic acid	16.47	4.7	ng	148278	4	15.58	630517	20.0
1-Eicosene	19.11	7.9	ng	217659	5	19.22	550656	20.0
Eicosane, 9-octyl-	19.90	2.8	ng	75765	5	19.22	550656	20.0
Pentadecane, 8-he...	20.28	4.2	ng	87133	6	20.99	411799	20.0
Benzo[e]pyrene	20.50	2.4	ng	48805	6	20.99	411799	20.0
Octacosane	20.67	4.9	ng	100747	6	20.99	411799	20.0
Heptadecane, 9-oc...	21.10	5.0	ng	103876	6	20.99	411799	20.0
Octadecane, 5,14-...	21.60	5.2	ng	106182	6	20.99	411799	20.0
Tetracosane	22.16	3.2	ng	66287	6	20.99	411799	20.0