

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP052920\
 Data File : BP002324.D
 Acq On : 29 May 2020 20:18
 Operator : CG/JU
 Sample : L2746-05 2X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 NM109-COMP-2020-0-6

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-BP052720.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	4.540	274	281	294	rBV3	21995	99609	1.81%	0.162%
2	4.763	314	319	332	rVB	341089	481089	8.76%	0.780%
3	5.222	391	397	406	rBV	1628786	2372982	43.19%	3.848%
4	6.787	656	663	678	rVB	1671452	2647930	48.19%	4.293%
5	7.216	732	736	743	rBV	55934	93233	1.70%	0.151%
6	7.399	762	767	774	rVB	44796	70645	1.29%	0.115%
7	7.605	794	802	811	rBV	1185348	1851982	33.71%	3.003%
8	7.922	849	856	866	rBV	1428076	2314931	42.13%	3.753%
9	8.746	985	996	1008	rBV	1109920	1778358	32.37%	2.883%
10	10.381	1266	1274	1280	rBV	1550339	2640289	48.05%	4.281%
11	12.869	1690	1697	1710	rBV	2697801	3997130	72.75%	6.481%
12	13.710	1833	1840	1850	rBV	661806	975354	17.75%	1.581%
13	13.969	1879	1884	1891	rVB	59192	99224	1.81%	0.161%
14	14.251	1925	1932	1939	rBV	2455921	3559280	64.78%	5.771%
15	14.316	1939	1943	1947	rVB	40966	58995	1.07%	0.096%
16	15.304	2105	2111	2117	rBV	51091	80002	1.46%	0.130%
17	15.745	2177	2186	2196	rBV	1971488	2785370	50.69%	4.516%
18	16.404	2294	2298	2303	rBV2	43875	66375	1.21%	0.108%
19	17.010	2394	2401	2405	rVV	2757761	4085141	74.35%	6.624%
20	17.051	2405	2408	2413	rVB	646877	815124	14.84%	1.322%
21	17.139	2419	2423	2428	rVB	179165	241779	4.40%	0.392%
22	17.198	2428	2433	2442	rVB6	22280	64397	1.17%	0.104%
23	17.410	2465	2469	2476	rVB	79724	118390	2.15%	0.192%
24	17.586	2495	2499	2505	rVB3	34000	60945	1.11%	0.099%
25	17.816	2533	2538	2543	rBV4	53295	113007	2.06%	0.183%
26	17.880	2545	2549	2554	rVV2	146781	221307	4.03%	0.359%
27	17.933	2554	2558	2566	rVV2	354338	541081	9.85%	0.877%
28	18.010	2567	2571	2575	rVB2	56578	86318	1.57%	0.140%
29	18.069	2576	2581	2585	rBV2	162300	267911	4.88%	0.434%
30	18.375	2629	2633	2635	rBV	68657	90654	1.65%	0.147%
31	18.404	2636	2638	2647	rVB5	71220	103203	1.88%	0.167%
32	18.780	2698	2702	2707	rBV	86780	137781	2.51%	0.223%
33	18.904	2719	2723	2727	rBV3	93531	139313	2.54%	0.226%
34	19.004	2735	2740	2741	rBV	567882	641994	11.68%	1.041%

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35	19.027	2741	2744	2752	rVB	1314343	1782586	32.44%	2.890%
36	19.180	2766	2770	2774	rBV2	65877	92958	1.69%	0.151%
37	19.380	2796	2804	2809	rBV	1282243	1975652	35.96%	3.203%
38	19.563	2832	2835	2836	rBV	53704	58528	1.07%	0.095%
39	19.592	2836	2840	2850	rVB	4380470	5494493	100.00%	8.909%
40	19.839	2879	2882	2883	rBV3	56883	62562	1.14%	0.101%
41	19.869	2885	2887	2894	rVB	168402	221773	4.04%	0.360%
42	19.969	2901	2904	2908	rBV	107211	122845	2.24%	0.199%
43	20.027	2910	2914	2917	rVB2	135718	174444	3.17%	0.283%
44	20.157	2933	2936	2940	rBV	90035	123978	2.26%	0.201%
45	20.204	2941	2944	2948	rVV	86392	101437	1.85%	0.164%
46	20.804	3043	3046	3049	rBV	101180	103698	1.89%	0.168%
47	20.857	3049	3055	3059	rBV4	714235	1031243	18.77%	1.672%
48	21.057	3086	3089	3091	rBV2	102437	110575	2.01%	0.179%
49	21.110	3091	3098	3102	rVV2	3536386	5419223	98.63%	8.787%
50	21.145	3102	3104	3111	rVB	704726	811082	14.76%	1.315%
51	21.733	3201	3204	3209	rVB2	183393	232278	4.23%	0.377%
52	22.316	3299	3303	3310	rVB	547247	750078	13.65%	1.216%
53	22.657	3356	3361	3365	rBV	593231	1235962	22.49%	2.004%
54	22.698	3365	3368	3372	rVB2	500268	679474	12.37%	1.102%
55	23.121	3437	3440	3448	rVB	404703	726781	13.23%	1.178%
56	23.215	3451	3456	3462	rBV	517566	942940	17.16%	1.529%
57	23.315	3467	3473	3479	rVB	2093354	3727818	67.85%	6.044%
58	23.921	3570	3576	3582	rBV	526757	993693	18.09%	1.611%
59	25.539	3845	3851	3859	rVB3	378256	997075	18.15%	1.617%

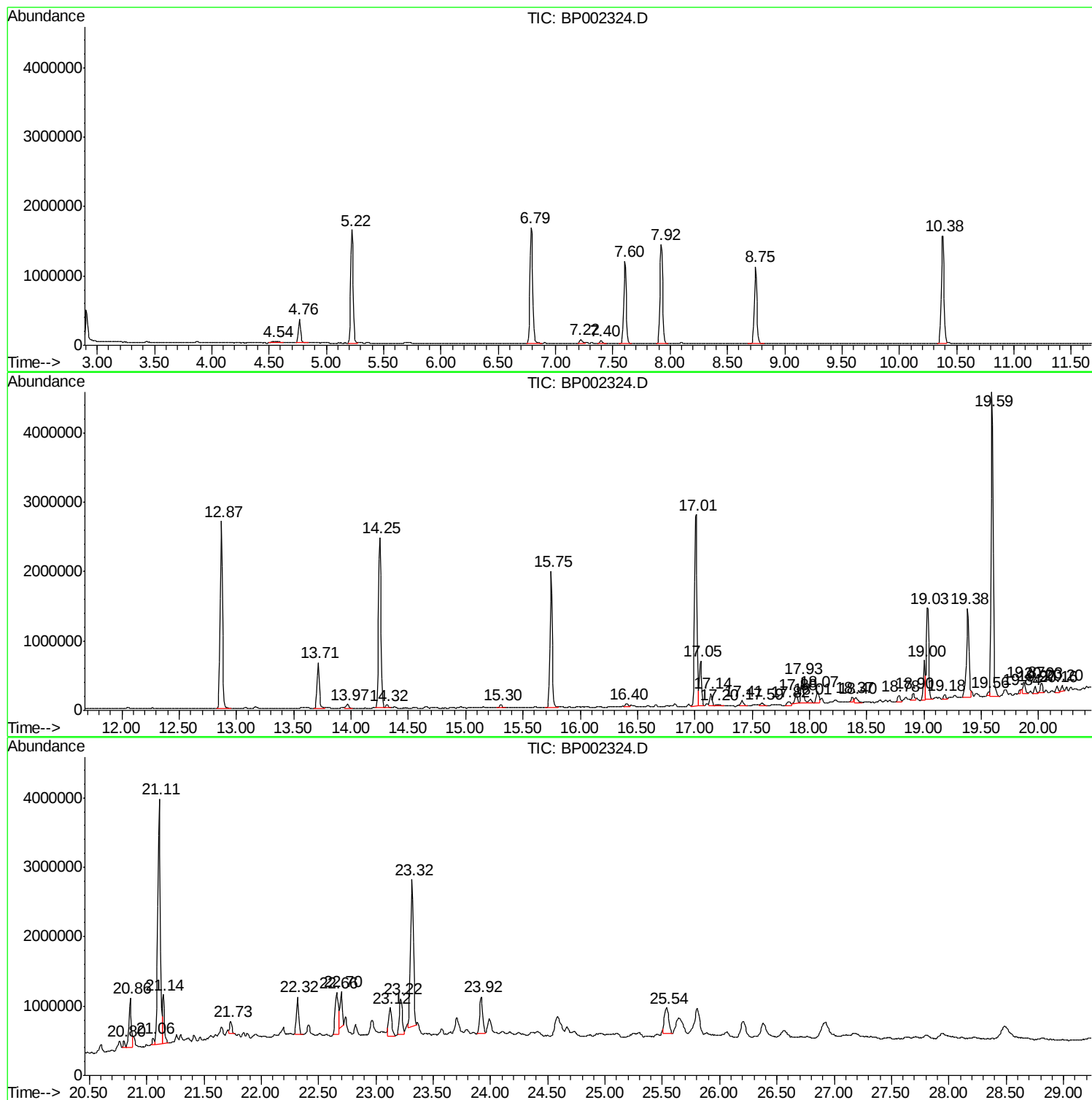
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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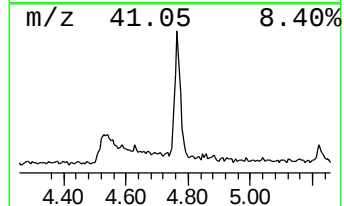
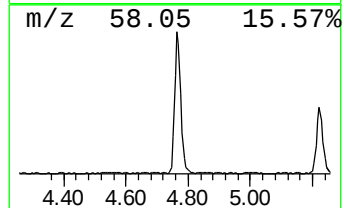
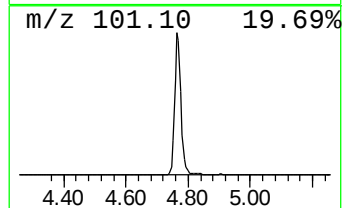
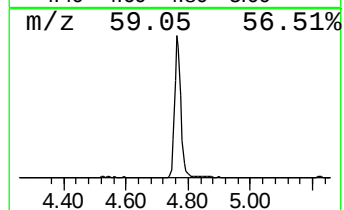
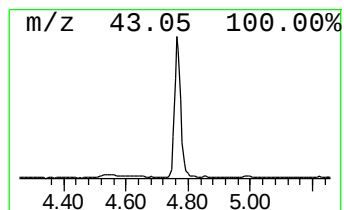
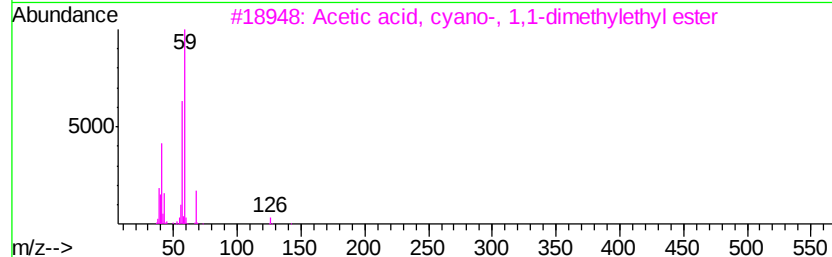
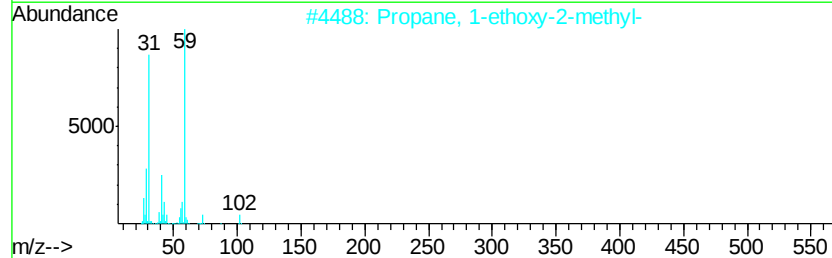
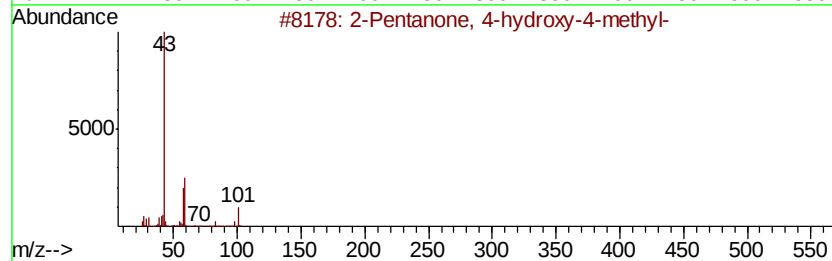
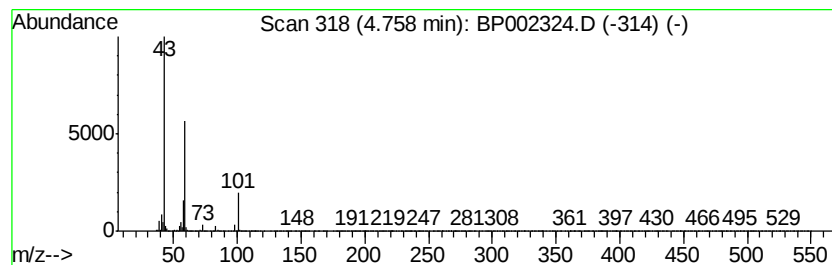
Instrument :
BNA_P
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP052720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.	
4.76	5.20 ng	481089	1,4-Dichlorobenzene-d4	7.60	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	25
3	Acetic acid, cyano-, 1,1-dimethv...	141	C7H11NO2	001116-98-9	23
4	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
5	(+)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9



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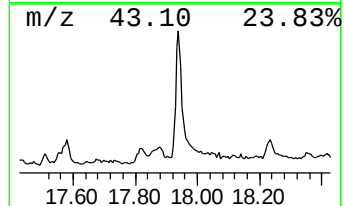
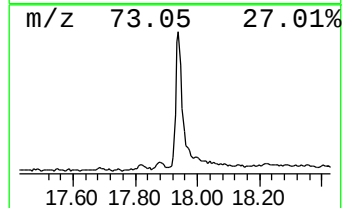
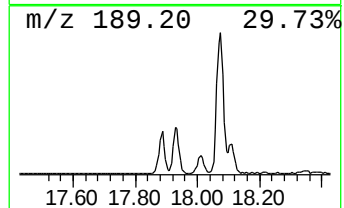
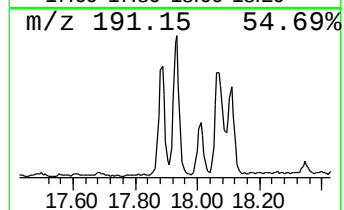
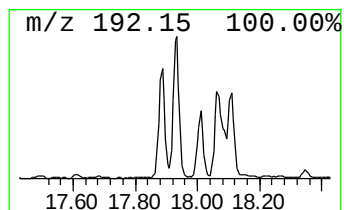
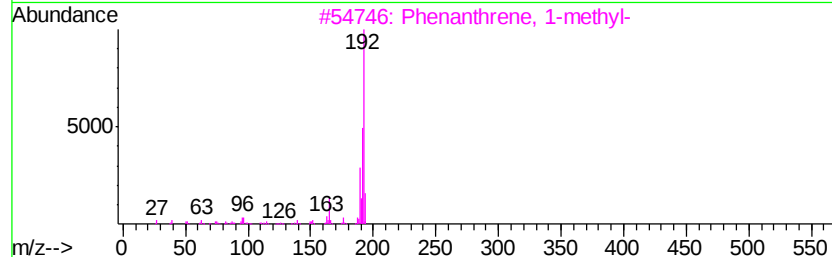
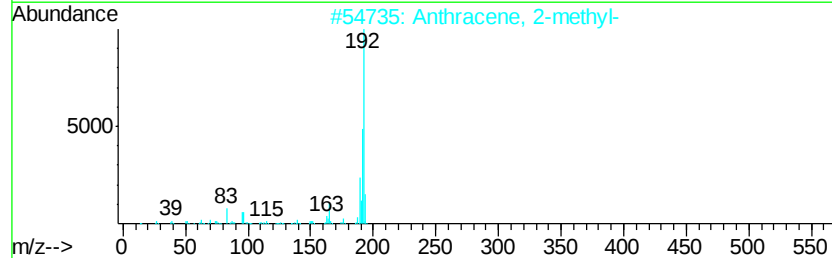
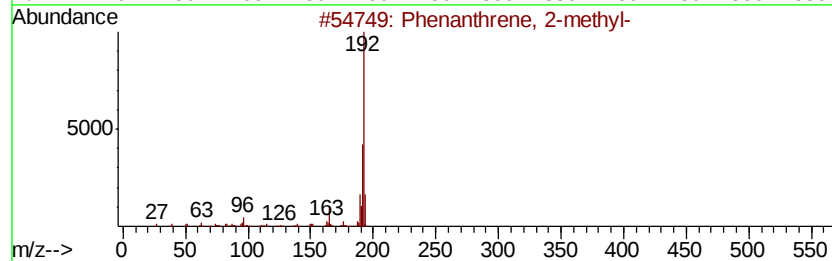
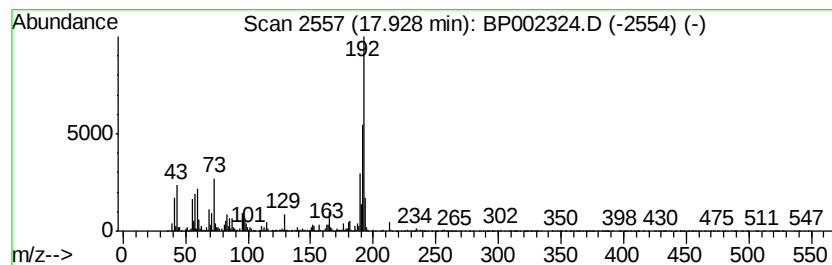
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Phenanthrene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.93	2.65 ng	541081	Phenanthrene-d10	17.01	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
5	1H-Cyclopropa[1]phenanthrene, 1a, ...	192	C15H12	000949-41-7	91



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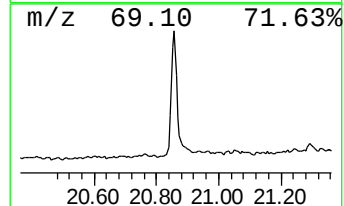
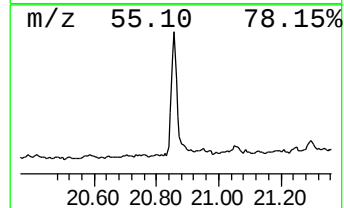
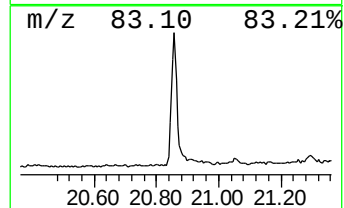
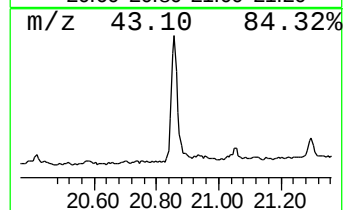
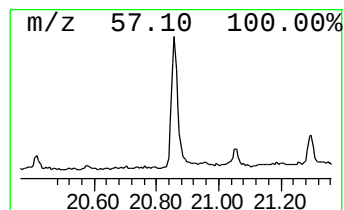
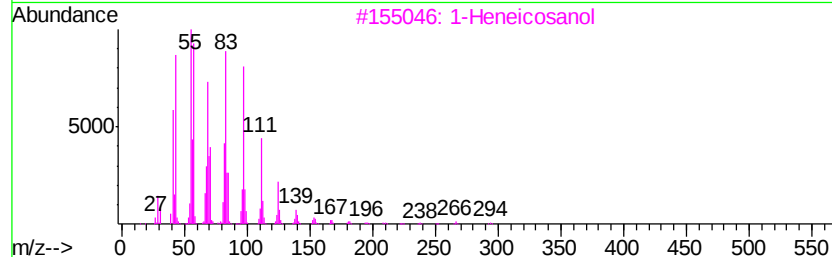
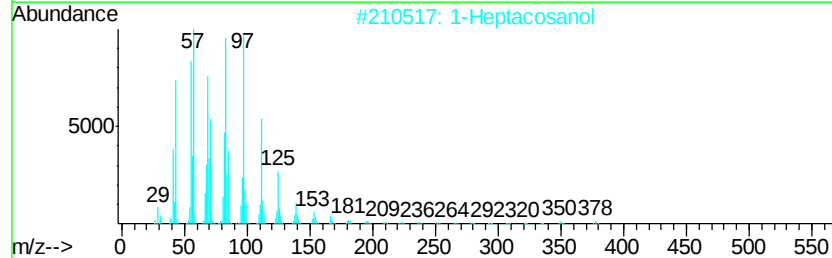
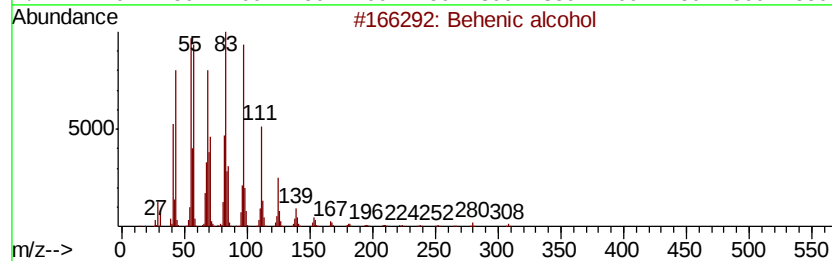
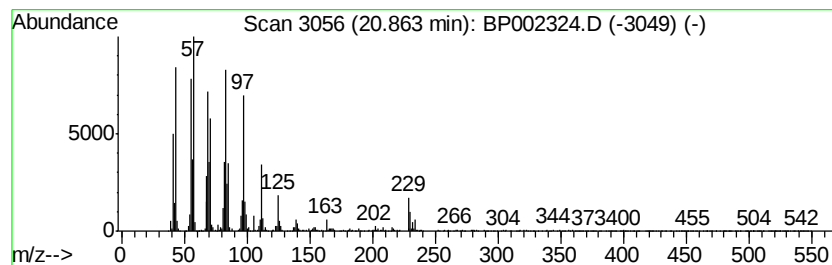
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Behenic alcohol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.86	3.81 ng	1031240	Chrysene-d12	21.11

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Behenic alcohol	326	C22H46O	000661-19-8	94
2		1-Heptacosanol	396	C27H56O	002004-39-9	93
3		1-Heneicosanol	312	C21H44O	015594-90-8	93
4		n-Nonadecanol-1	284	C19H40O	001454-84-8	91
5		2- Chloropropionic acid, hexadec...	332	C19H37ClO2	086711-81-1	91



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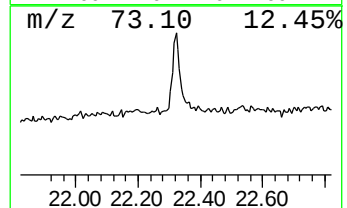
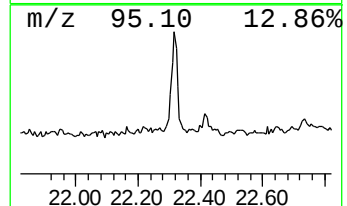
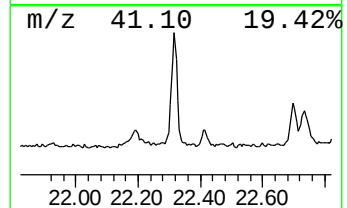
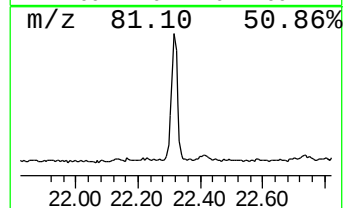
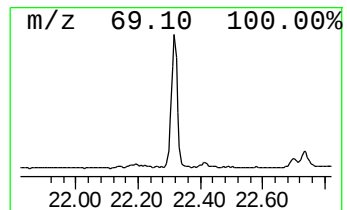
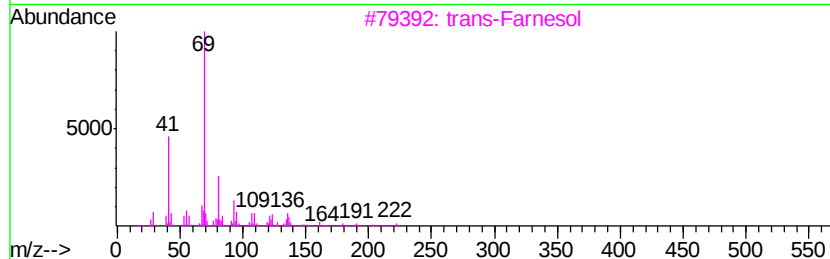
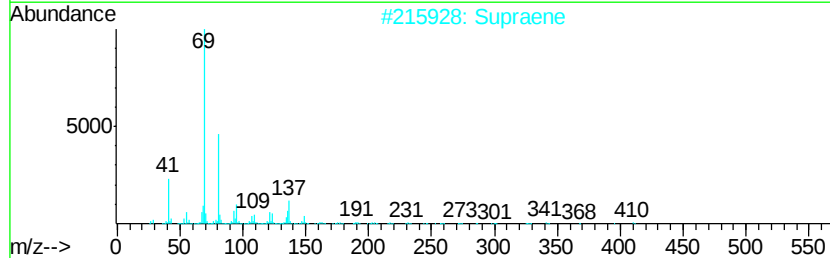
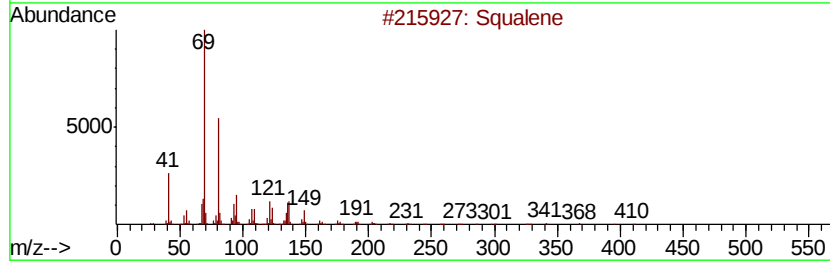
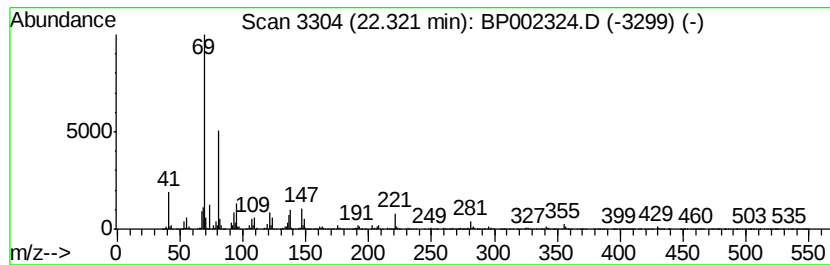
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Peak Number 5 Squalene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
22.32	4.02 ng	750078	Perylene-d12	23.32	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	000111-02-4	90
2	Supraene	410	C30H50	007683-64-9	81
3	trans-Farnesol	222	C15H26O	000106-28-5	76
4	4,9,13,17-Tetramethyl-4,8,12,16-...	316	C22H36O	056882-09-8	59
5	2,6,10-Dodecatrien-1-ol, 3,7,11-...	222	C15H26O	004602-84-0	59



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ALS Vial : 12 Sample Multiplier: 1

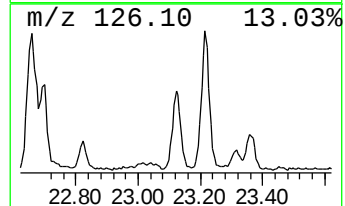
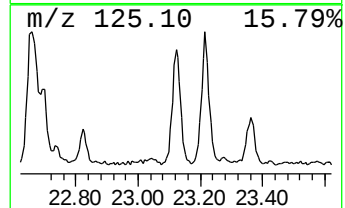
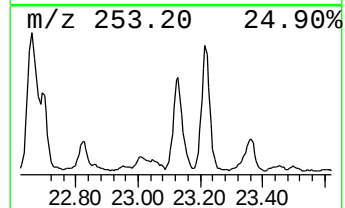
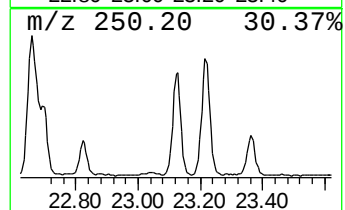
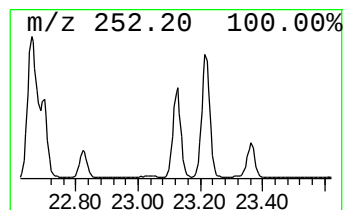
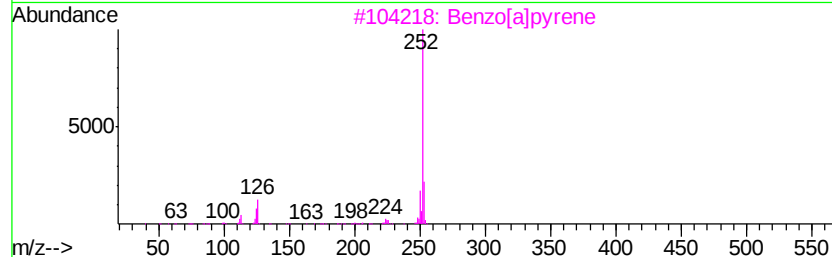
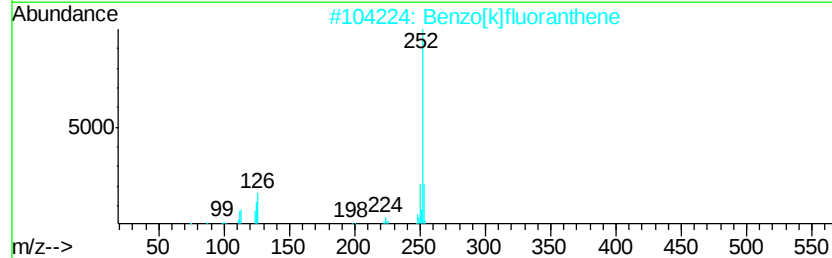
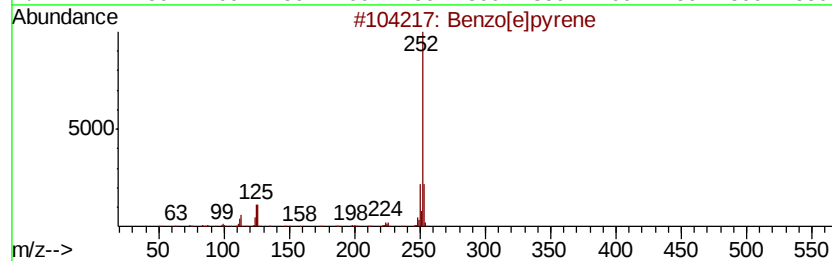
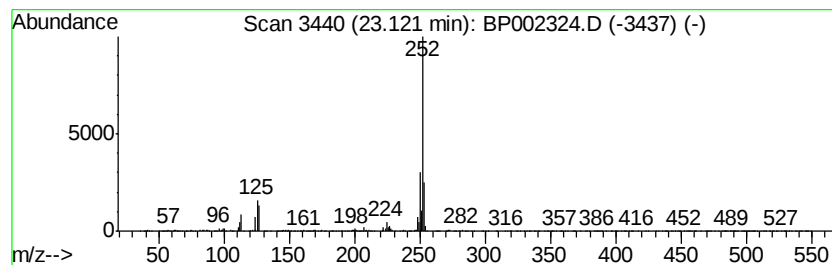
Instrument :
BNA_P
ClientSampleId :
NM109-COMP-2020-0-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP052720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
23.12	3.90 ng	726781	Perylene-d12	23.32	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	98
3	Benzo[a]pyrene	252	C20H12	000050-32-8	96
4	Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	95
5	Perylene	252	C20H12	000198-55-0	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP052920\
Data File : BP002324.D
Acq On : 29 May 2020 20:18
Operator : CG/JU
Sample : L2746-05 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

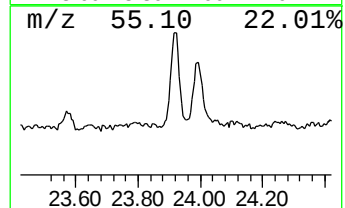
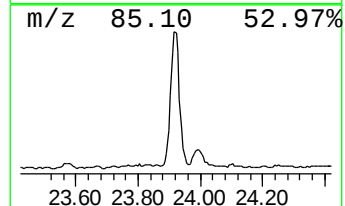
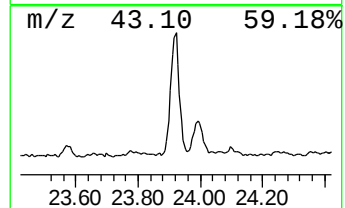
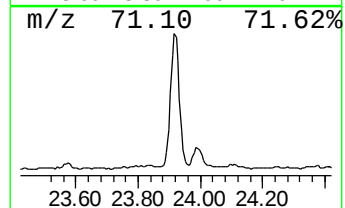
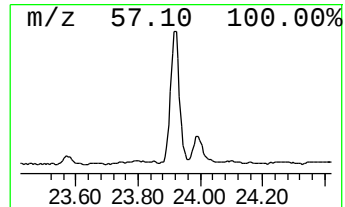
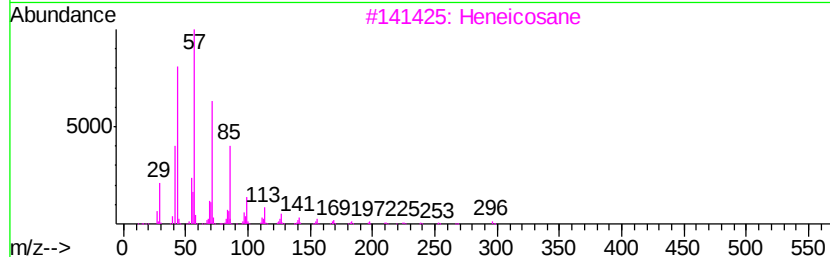
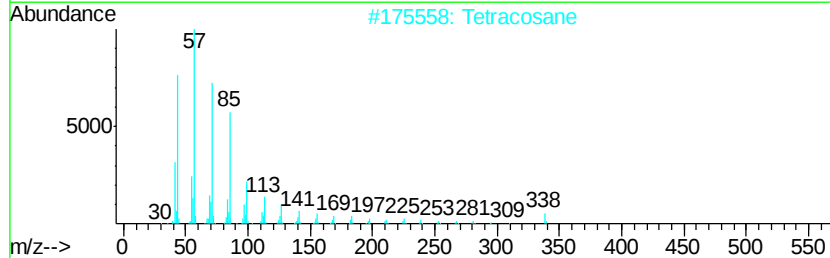
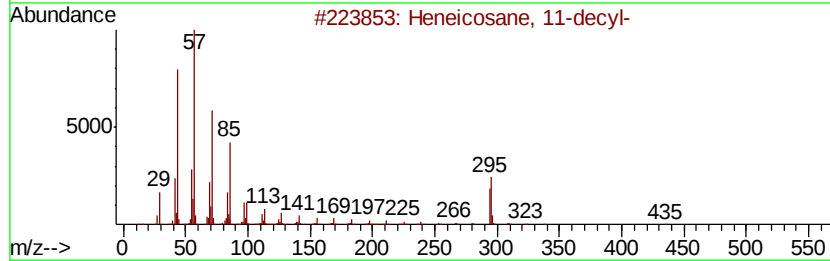
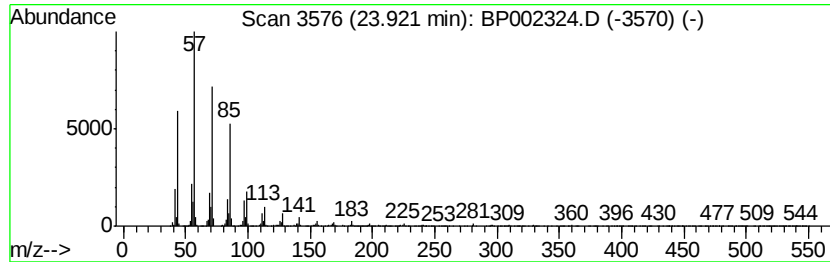
Instrument :
BNA_P
ClientSampleId :
NM109-COMP-2020-0-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP052720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Heneicosane, 11-decyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.		
23.92	5.33 ng	993693	Perylene-d12		23.32		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heneicosane, 11-decyl-	437	C31H64	055320-06-4	93
2			Tetracosane	338	C24H50	000646-31-1	91
3			Heneicosane	296	C21H44	000629-94-7	91
4			Octadecane, 1-iodo-	380	C18H37I	000629-93-6	87
5			Hexadecane	226	C16H34	000544-76-3	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP052920\
Data File : BP002324.D
Acq On : 29 May 2020 20:18
Operator : CG/JU
Sample : L2746-05 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
NM109-COMP-2020-0-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP052720.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...	4.76	5.2	ng	481089	1	7.60	1851980	20.0
Phenanthrene, 2-m...	17.93	2.6	ng	541081	4	17.01	4085140	20.0
Behenic alcohol	20.86	3.8	ng	1031240	5	21.11	5419220	20.0
Squalene	22.32	4.0	ng	750078	6	23.32	3727820	20.0
Benzo[e]pyrene	23.12	3.9	ng	726781	6	23.32	3727820	20.0
Heneicosane, 11-d...	23.92	5.3	ng	993693	6	23.32	3727820	20.0