

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG052620\
 Data File : BG045471.D
 Acq On : 27 May 2020 00:21
 Operator : CG/JU
 Sample : L2744-09
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 NM52-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_G\METHODS\8270-BG051520.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	5.564	414	421	432	rBV	826706	1424164	36.40%	5.484%
2	7.179	685	696	709	rBV	924437	1683585	43.03%	6.483%
3	7.960	821	829	838	rBV	300612	530186	13.55%	2.042%
4	8.284	877	884	897	rBV	803809	1470331	37.58%	5.662%
5	9.124	1019	1027	1039	rBV	627068	1170176	29.91%	4.506%
6	10.768	1297	1307	1321	rBV	409754	758214	19.38%	2.920%
7	13.224	1718	1725	1738	rBV	1790141	2928460	74.84%	11.277%
8	14.052	1860	1866	1877	rVB	266511	395073	10.10%	1.521%
9	14.604	1952	1960	1967	rBV2	657593	1082230	27.66%	4.167%
10	16.102	2208	2215	2222	rBV	1360748	2153779	55.04%	8.294%
11	17.354	2419	2428	2432	rBV	816350	1250735	31.96%	4.816%
12	17.395	2432	2435	2441	rVB	164837	237629	6.07%	0.915%
13	17.489	2446	2451	2455	rVB2	34472	53951	1.38%	0.208%
14	18.429	2605	2611	2614	rBV2	40643	71544	1.83%	0.276%
15	19.404	2772	2777	2783	rVV	383778	544252	13.91%	2.096%
16	19.762	2828	2838	2847	rBV	314963	615294	15.72%	2.369%
17	19.968	2864	2873	2887	rBV	2861613	3912865	100.00%	15.068%
18	20.091	2889	2894	2900	rBV7	24123	62288	1.59%	0.240%
19	20.256	2912	2922	2930	rBV3	61210	176065	4.50%	0.678%
20	20.361	2936	2940	2944	rVB	33581	44741	1.14%	0.172%
21	20.414	2946	2949	2953	rVB3	31404	45425	1.16%	0.175%
22	20.773	3006	3010	3014	rVB4	31699	39851	1.02%	0.153%
23	21.019	3048	3052	3057	rVB2	27052	42331	1.08%	0.163%
24	21.272	3090	3095	3102	rVB3	186071	323831	8.28%	1.247%
25	21.607	3144	3152	3157	rBV2	825580	1566204	40.03%	6.031%
26	21.654	3157	3160	3172	rVB	153940	279472	7.14%	1.076%
27	21.806	3182	3186	3192	rVB4	83252	118176	3.02%	0.455%
28	22.411	3284	3289	3293	rBV4	76864	137493	3.51%	0.529%
29	23.087	3400	3404	3410	rVB3	77261	141604	3.62%	0.545%
30	23.768	3513	3520	3527	rBV	111199	340762	8.71%	1.312%
31	23.880	3534	3539	3545	rVB4	78921	158236	4.04%	0.609%
32	24.468	3633	3639	3649	rVB3	78644	210044	5.37%	0.809%
33	24.603	3657	3662	3676	rVB2	99117	287426	7.35%	1.107%
34	24.761	3680	3689	3708	rVB	433757	1487252	38.01%	5.727%

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ALS Vial : 18 Sample Multiplier: 1

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Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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35	25.913	3877	3885	3895	rVB5	73074	224741	5.74%	0.865%
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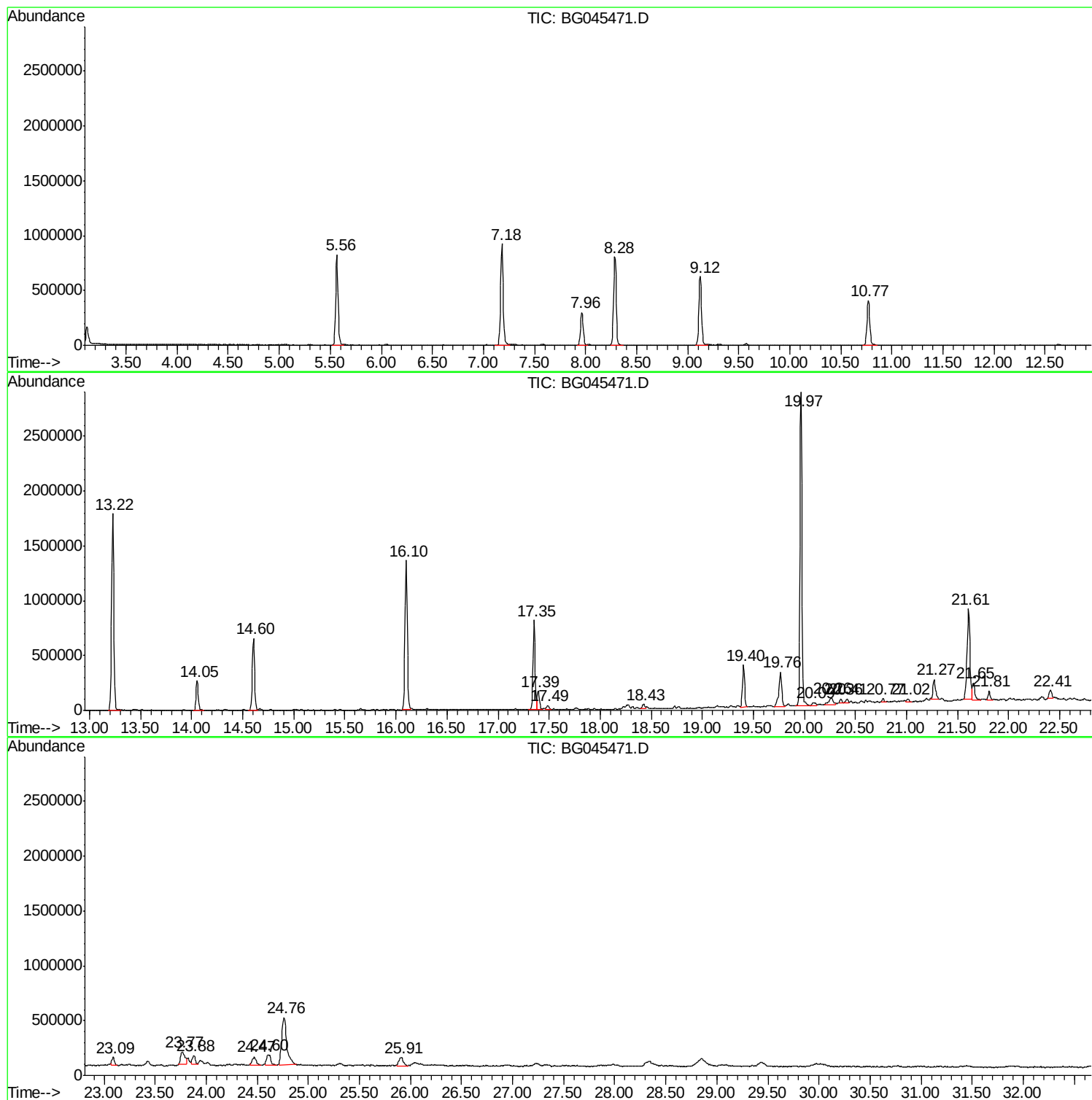
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG051520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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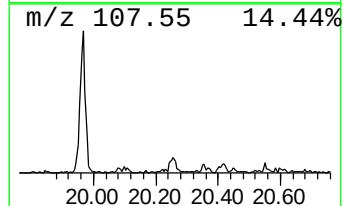
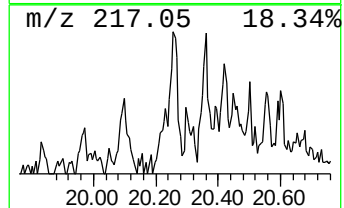
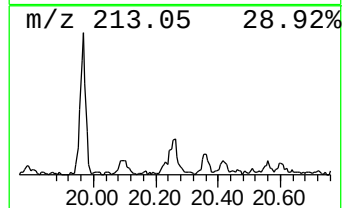
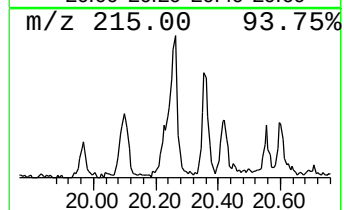
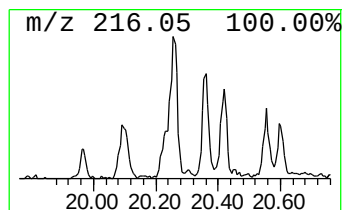
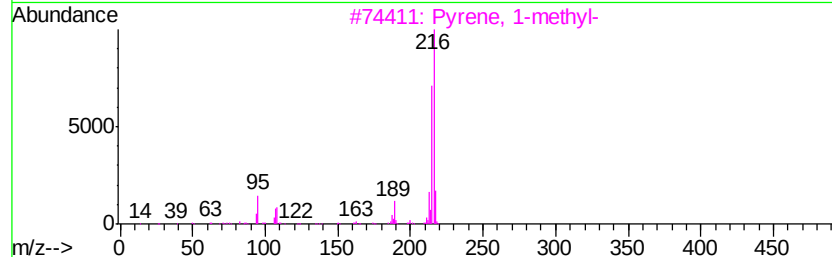
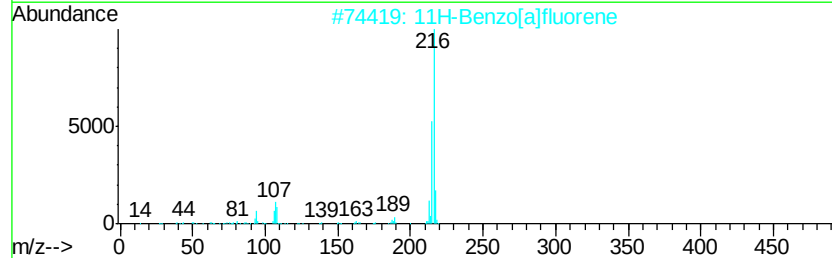
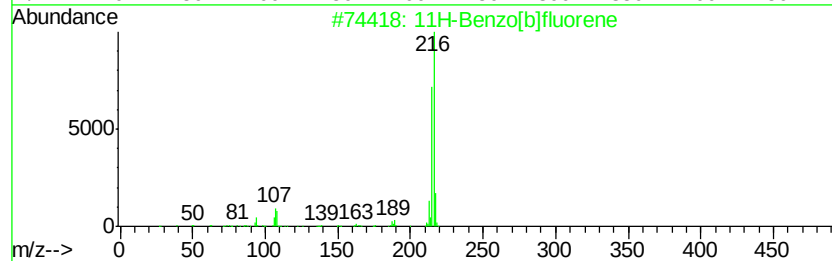
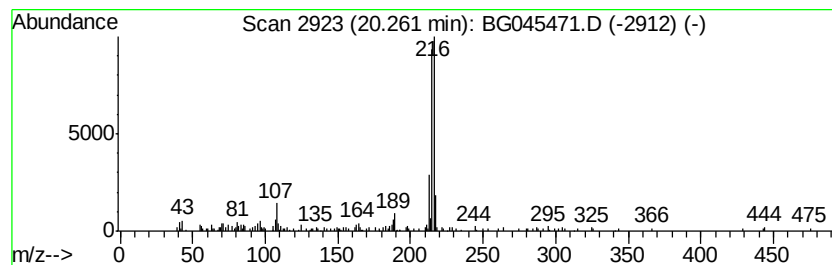
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Peak Number 2 11H-Benzo[b]fluorene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.26	2.25 ng	176065	Chrysene-d12	21.61

Hit# of	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	83



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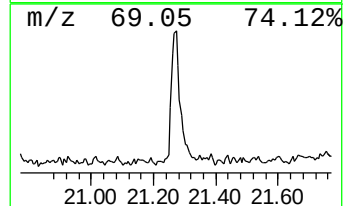
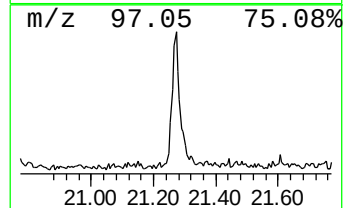
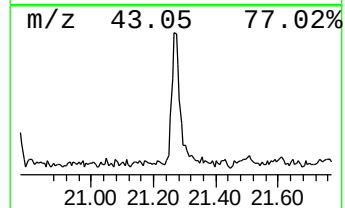
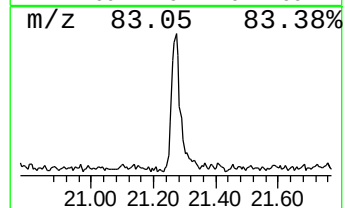
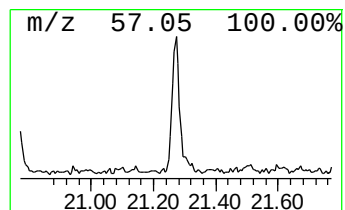
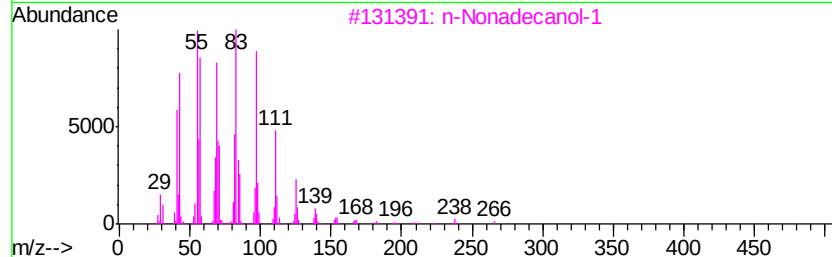
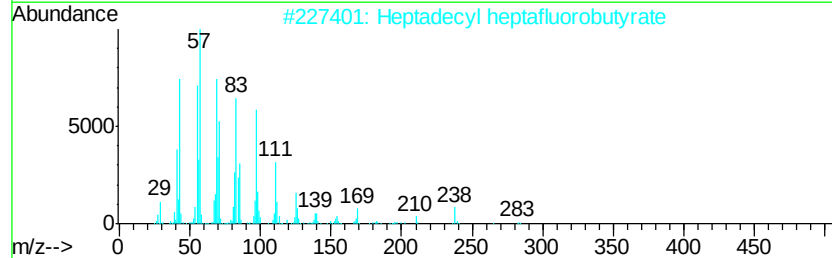
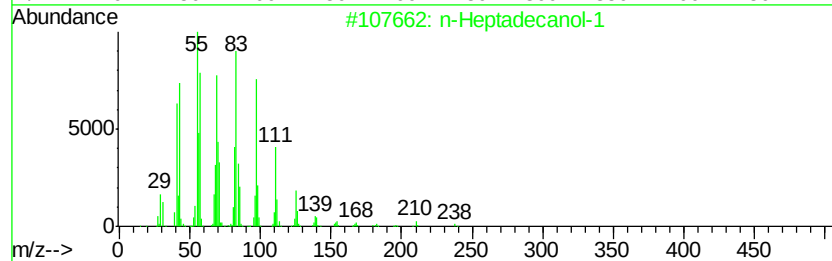
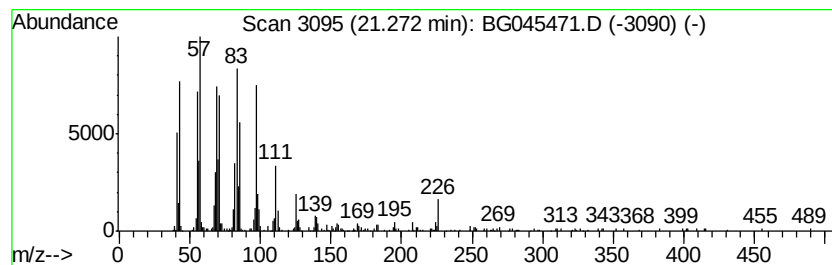
Instrument :
BNA_G
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG051520.M
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 n-Heptadecanol-1 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.	
21.27	4.14 ng	323831	Chrysene-d12		21.61	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Heptadecanol-1		256	C17H36O	001454-85-9	93
2	Heptadecyl heptafluorobutyrate		452	C21H35F7O2	959085-66-6	93
3	n-Nonadecanol-1		284	C19H40O	001454-84-8	87
4	3-Octadecene, (E)-		252	C18H36	007206-19-1	86
5	1-Heneicosanol		312	C21H44O	015594-90-8	83



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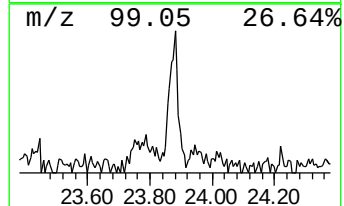
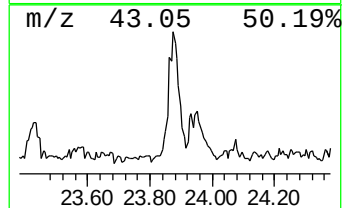
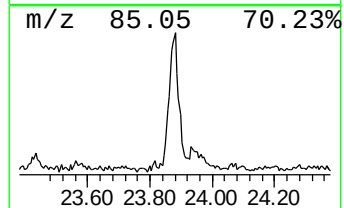
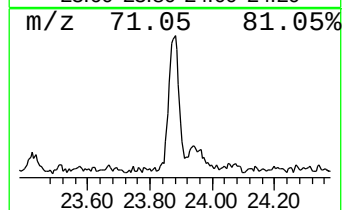
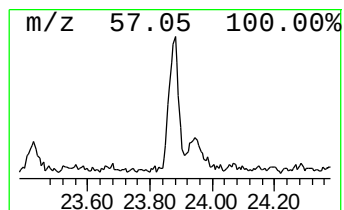
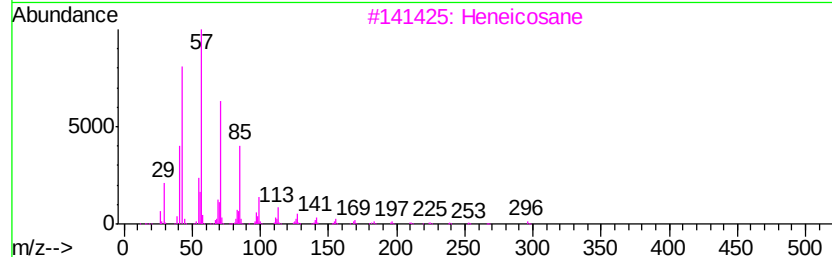
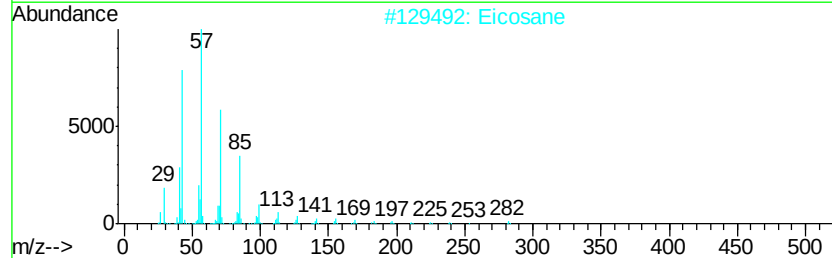
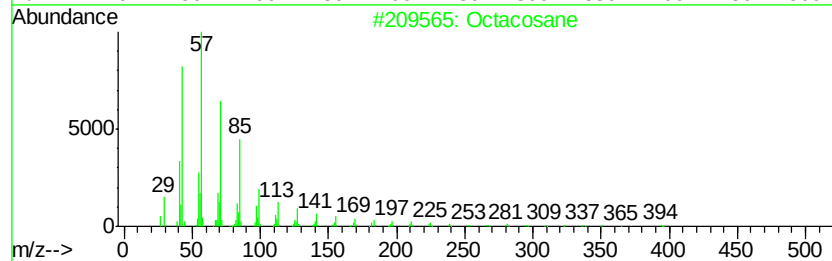
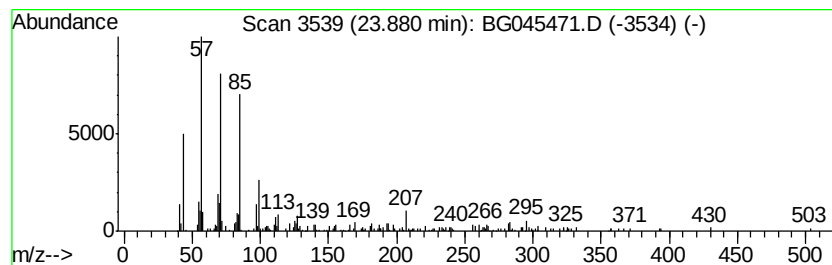
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TIC Library : C:\Database\NIST11.L
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Peak Number 4 Octacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.88	2.13 ng	158236	Perylene-d12	24.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	81
2		Eicosane	282	C20H42	000112-95-8	76
3		Heneicosane	296	C21H44	000629-94-7	64
4		Hexacosane	366	C26H54	000630-01-3	59
5		Tridecane, 7-hexyl-	268	C19H40	007225-66-3	59



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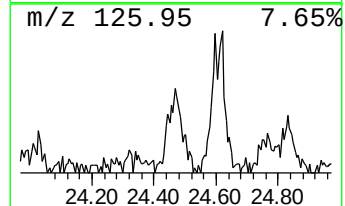
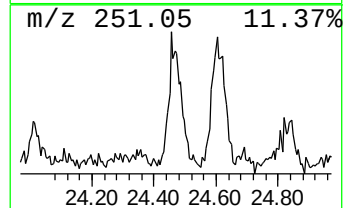
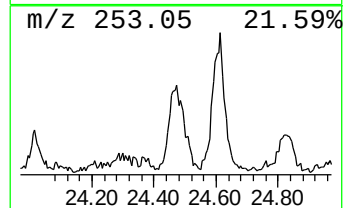
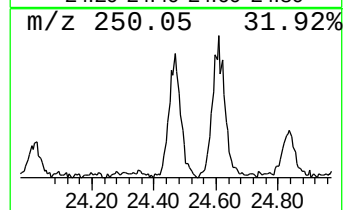
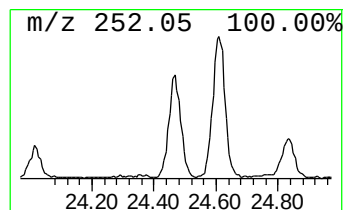
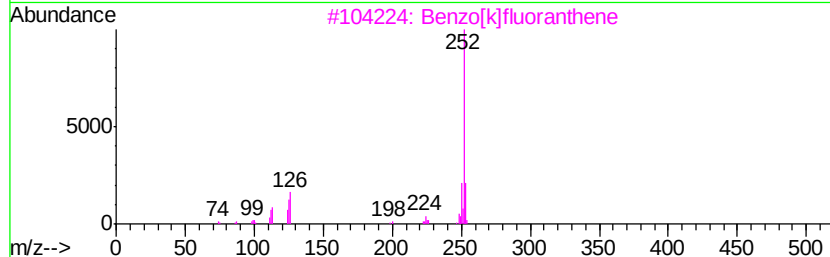
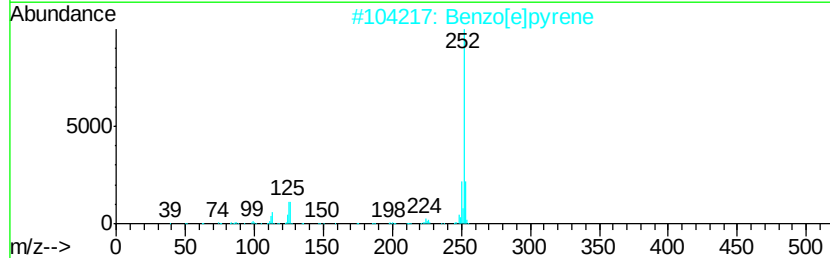
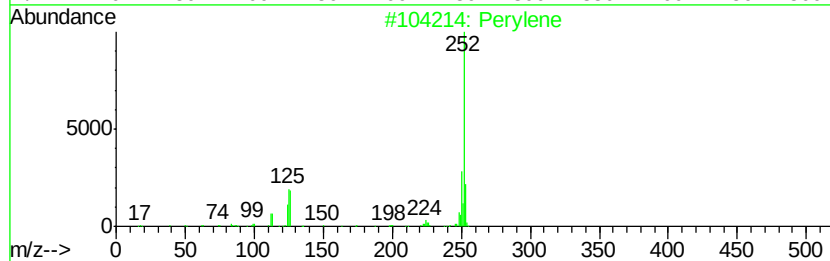
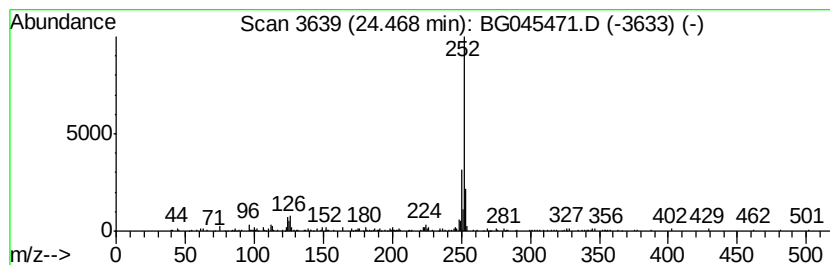
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG051520.M
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Perylene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.47	2.82 ng	210044	Perylene-d12	24.76

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Perylene		252	C20H12	000198-55-0	93
2	Benzo[e]pyrene		252	C20H12	000192-97-2	90
3	Benzo[k]fluoranthene		252	C20H12	000207-08-9	89
4	Benzo[a]pyrene		252	C20H12	000050-32-8	81
5	Benz[e]acephenanthrylene		252	C20H12	000205-99-2	81



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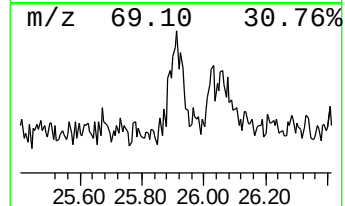
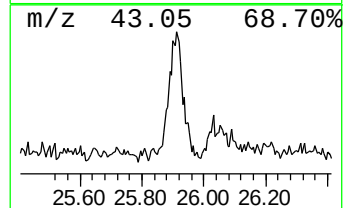
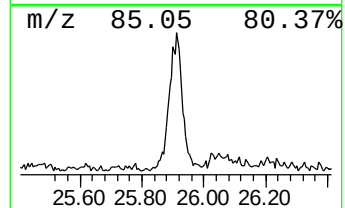
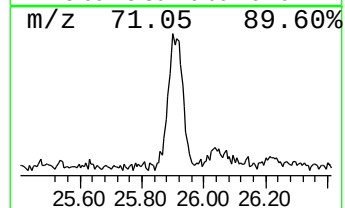
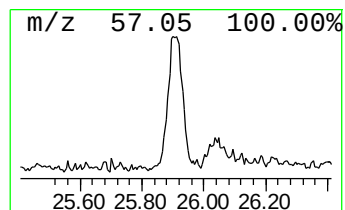
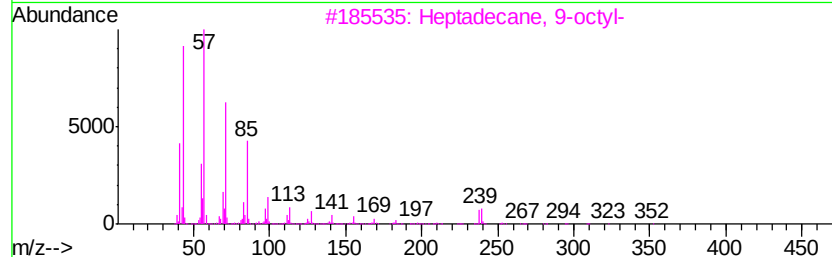
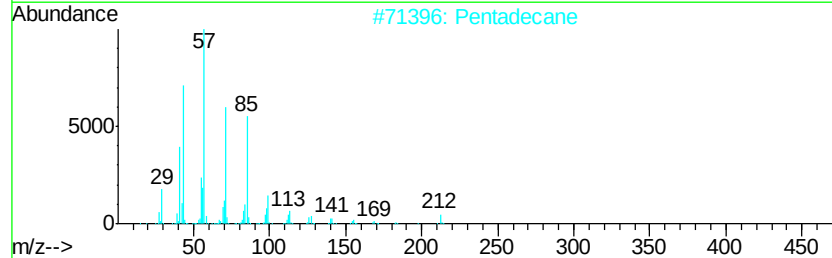
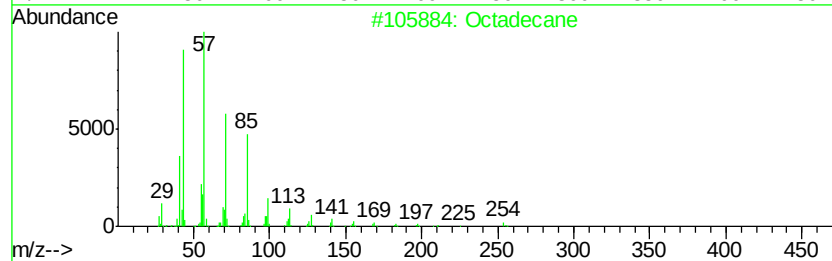
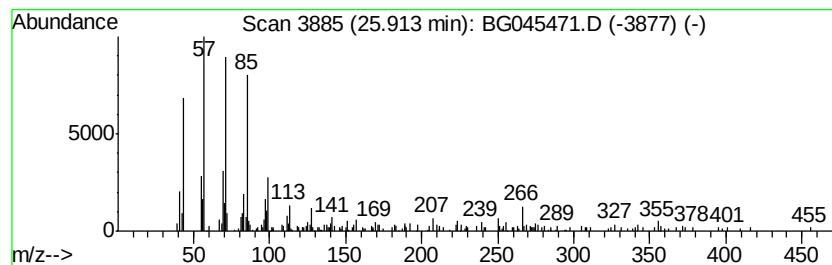
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Peak Number 6 Octadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD		R.T.	
25.91	3.02 ng	224741	Perylene-d12		24.76	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octadecane	254	C18H38	000593-45-3	91
2		Pentadecane	212	C15H32	000629-62-9	87
3		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	83
4		Heneicosane	296	C21H44	000629-94-7	83
5		2-methyloctacosane	408	C29H60	1000376-72-8	83



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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG051520.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
11H-Benzo[b]fluorene	20.26	2.3	ng	176065	5	21.61	1566200	20.0
n-Heptadecanol-1	21.27	4.1	ng	323831	5	21.61	1566200	20.0
Octacosane	23.88	2.1	ng	158236	6	24.76	1487250	20.0
Perylene	24.47	2.8	ng	210044	6	24.76	1487250	20.0
Octadecane	25.91	3.0	ng	224741	6	24.76	1487250	20.0