

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG052720\
 Data File : BG045489.D
 Acq On : 27 May 2020 23:42
 Operator : CG/JU
 Sample : L2746-16
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 NM94-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	5.560	411	421	437	rBV	823550	1457097	36.67%	5.699%
2	7.176	688	696	707	rBV	968616	1744516	43.90%	6.824%
3	7.957	821	829	838	rBV	324636	592046	14.90%	2.316%
4	8.286	876	885	896	rBV	845724	1539487	38.74%	6.022%
5	9.120	1019	1027	1040	rBV	657992	1222607	30.77%	4.782%
6	10.765	1299	1307	1315	rBV	450444	832213	20.94%	3.255%
7	13.226	1718	1726	1733	rBV	1954800	3090419	77.77%	12.088%
8	14.054	1860	1867	1872	rBV	203333	304470	7.66%	1.191%
9	14.601	1952	1960	1967	rBV	750757	1228366	30.91%	4.805%
10	16.099	2208	2215	2225	rBV	1510646	2341761	58.93%	9.160%
11	17.350	2421	2428	2433	rBV	849509	1383679	34.82%	5.412%
12	17.391	2433	2435	2441	rVB	167799	212286	5.34%	0.830%
13	18.231	2573	2578	2580	rBV2	25838	40538	1.02%	0.159%
14	18.272	2580	2585	2591	rVB4	40383	95843	2.41%	0.375%
15	18.425	2605	2611	2614	rBV2	47977	85649	2.16%	0.335%
16	19.142	2729	2733	2738	rBV3	22771	39847	1.00%	0.156%
17	19.347	2764	2768	2772	rBV	58962	79693	2.01%	0.312%
18	19.400	2772	2777	2784	rVB	369214	538492	13.55%	2.106%
19	19.764	2830	2839	2846	rBV	313793	587912	14.79%	2.300%
20	19.964	2867	2873	2879	rBV	3003471	3973912	100.00%	15.544%
21	21.262	3090	3094	3104	rVB3	266457	446141	11.23%	1.745%
22	21.609	3145	3153	3158	rBV3	848704	1618540	40.73%	6.331%
23	21.656	3158	3161	3174	rVB	153181	264183	6.65%	1.033%
24	23.759	3515	3519	3528	rBV2	83237	234832	5.91%	0.919%
25	23.935	3545	3549	3556	rVB8	54077	109085	2.75%	0.427%
26	24.763	3681	3690	3700	rBV	442271	1283325	32.29%	5.020%
27	25.909	3879	3885	3893	rVB4	80725	218841	5.51%	0.856%

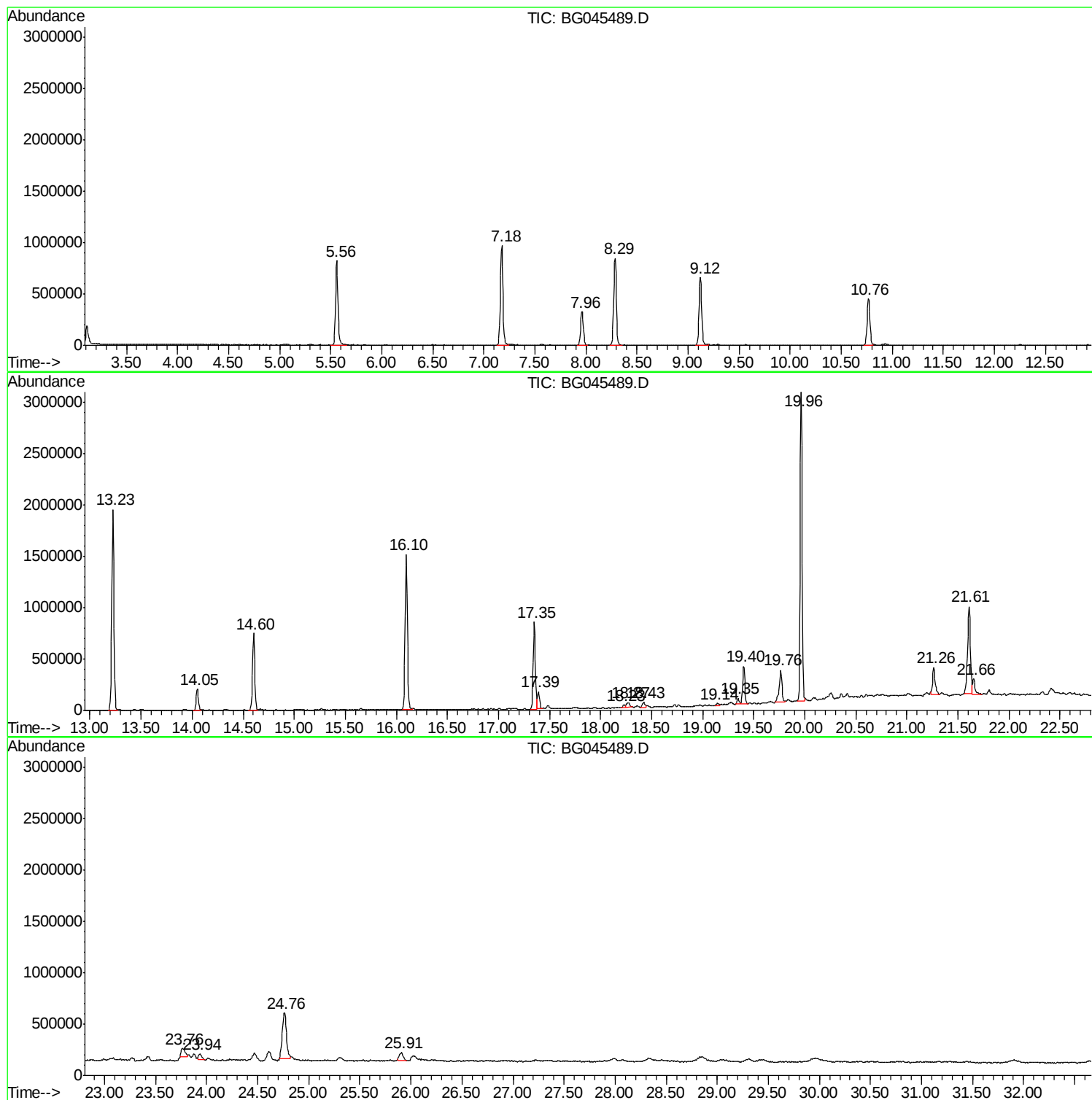
Sum of corrected areas: 25565780

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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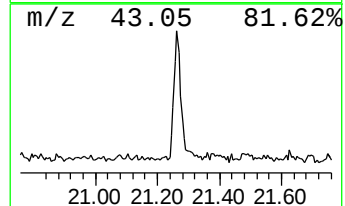
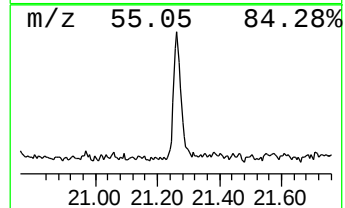
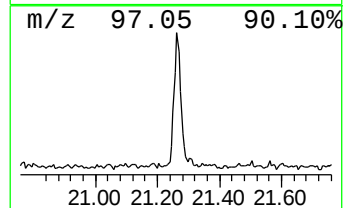
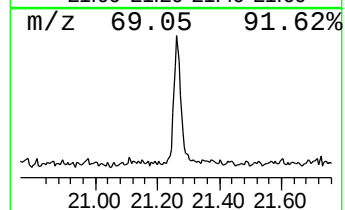
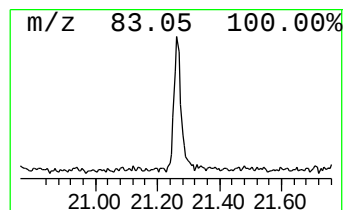
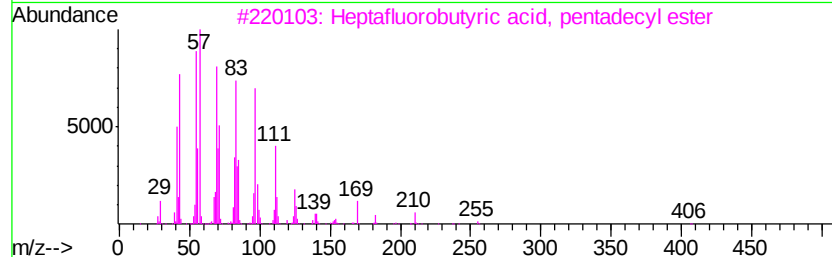
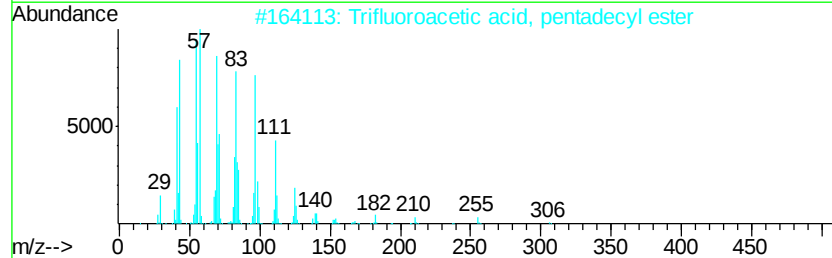
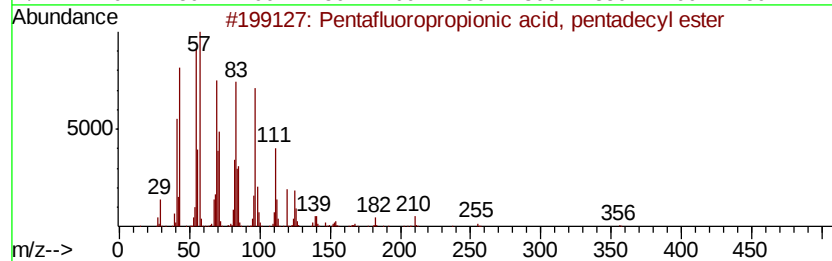
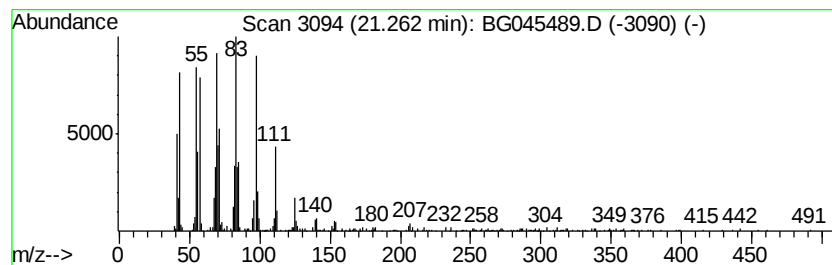
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Pentafluoropropionic acid, ... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
21.26	5.51 ng	446141	Chrysene-d12	21.61	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	91
2	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	91
3	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	91
4	9-Eicosene, (E)-	280	C20H40	074685-29-3	91
5	9-Tricosene, (Z)-	322	C23H46	027519-02-4	91



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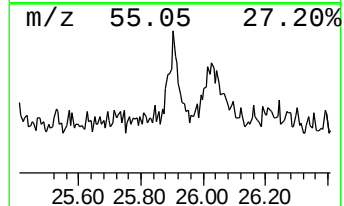
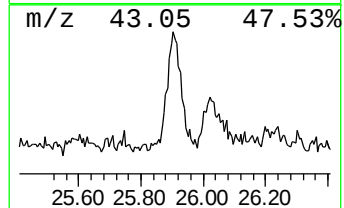
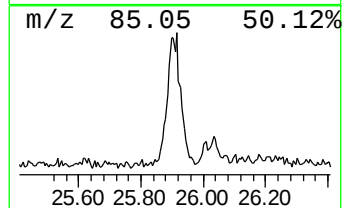
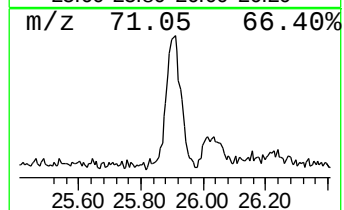
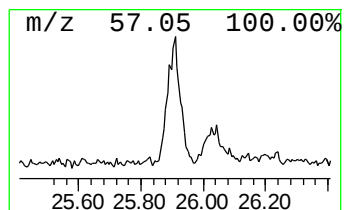
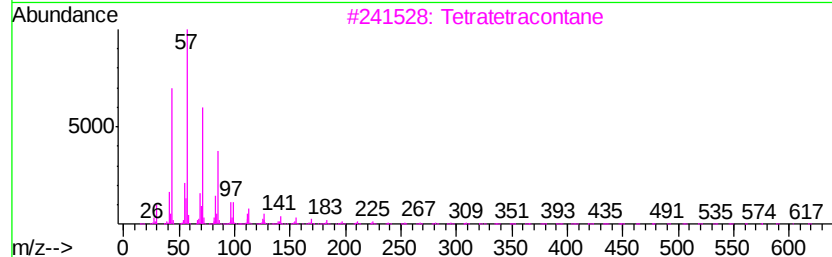
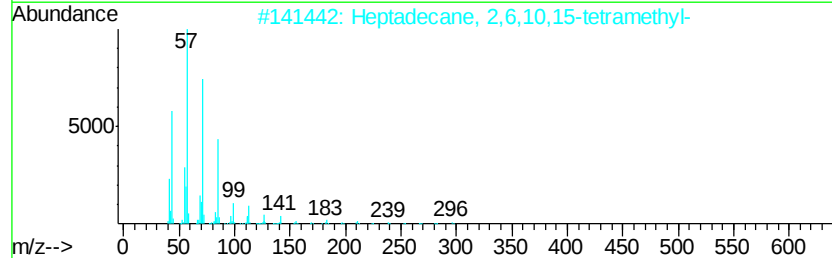
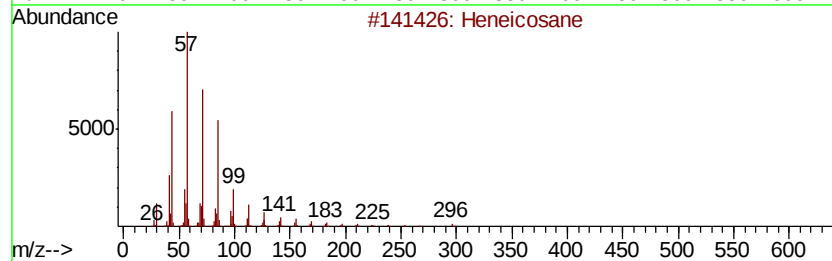
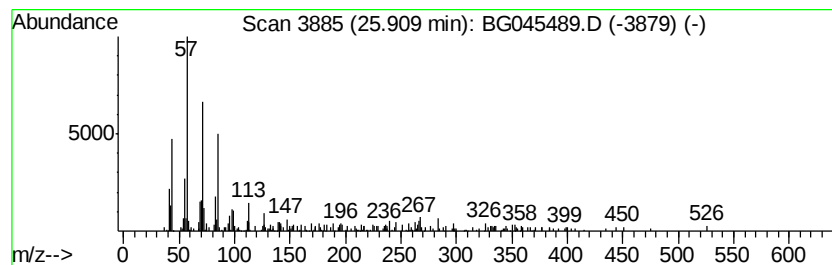
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Peak Number 3 Heneicosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
25.91	3.41 ng	218841	Perylene-d12	24.76	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	81
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	81
3	Tetratetracontane	619	C44H90	007098-22-8	74
4	Hexadecane	226	C16H34	000544-76-3	74
5	Nonadecane	268	C19H40	000629-92-5	72



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Pentafluoropropio...	21.26	5.5	ng	446141	5	21.61	1618540	20.0
Heneicosane	25.91	3.4	ng	218841	6	24.76	1283330	20.0