

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042421\
 Data File : BM029637.D
 Acq On : 24 Apr 2021 14:54
 Operator : CG/JU
 Sample : M2149-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SB-37-0-2.0

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

Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042121.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM029637.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.222	391	397	416	rBV	949458	1356797	40.27%	7.843%
2	6.804	655	666	676	rBV	879862	1405640	41.72%	8.126%
3	7.622	798	805	814	rBV	281724	444456	13.19%	2.569%
4	8.775	991	1001	1012	rBV	519848	900498	26.73%	5.206%
5	10.404	1270	1278	1291	rBV	339986	573867	17.03%	3.317%
6	12.886	1692	1700	1711	rBV	1576573	2227638	66.12%	12.877%
7	13.733	1838	1844	1854	rVB	32471	51032	1.51%	0.295%
8	14.268	1929	1935	1943	rBV	530492	783161	23.25%	4.527%
9	15.762	2180	2189	2203	rBV	1165878	1681083	49.90%	9.718%
10	17.015	2395	2402	2407	rBV	631354	911011	27.04%	5.266%
11	17.056	2407	2409	2414	rVV	39478	48913	1.45%	0.283%
12	17.921	2547	2556	2565	rBV2	149801	257611	7.65%	1.489%
13	19.074	2747	2752	2757	rBV	64195	98974	2.94%	0.572%
14	19.203	2770	2774	2784	rBV3	50985	87790	2.61%	0.507%
15	19.433	2806	2813	2823	rBV2	56285	122058	3.62%	0.706%
16	19.645	2843	2849	2857	rBV	2698116	3369115	100.00%	19.476%
17	20.921	3062	3066	3073	rBV	293950	393962	11.69%	2.277%
18	21.197	3107	3113	3117	rBV	957871	1260813	37.42%	7.288%
19	23.380	3479	3484	3496	rVB2	696880	1324292	39.31%	7.655%

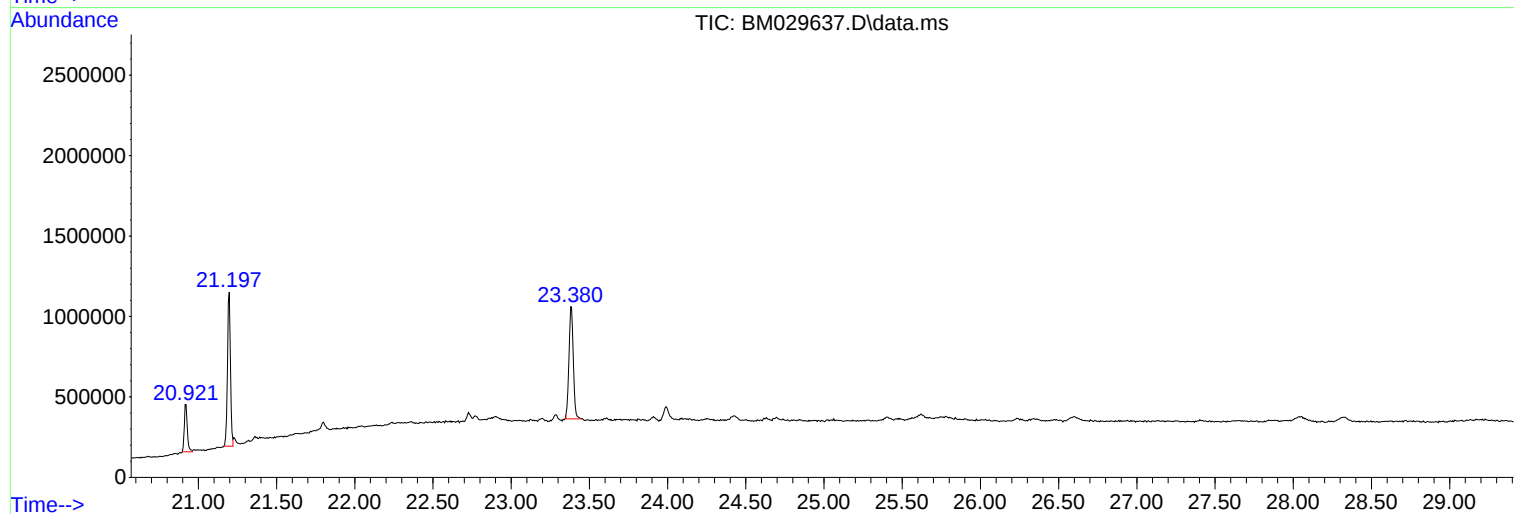
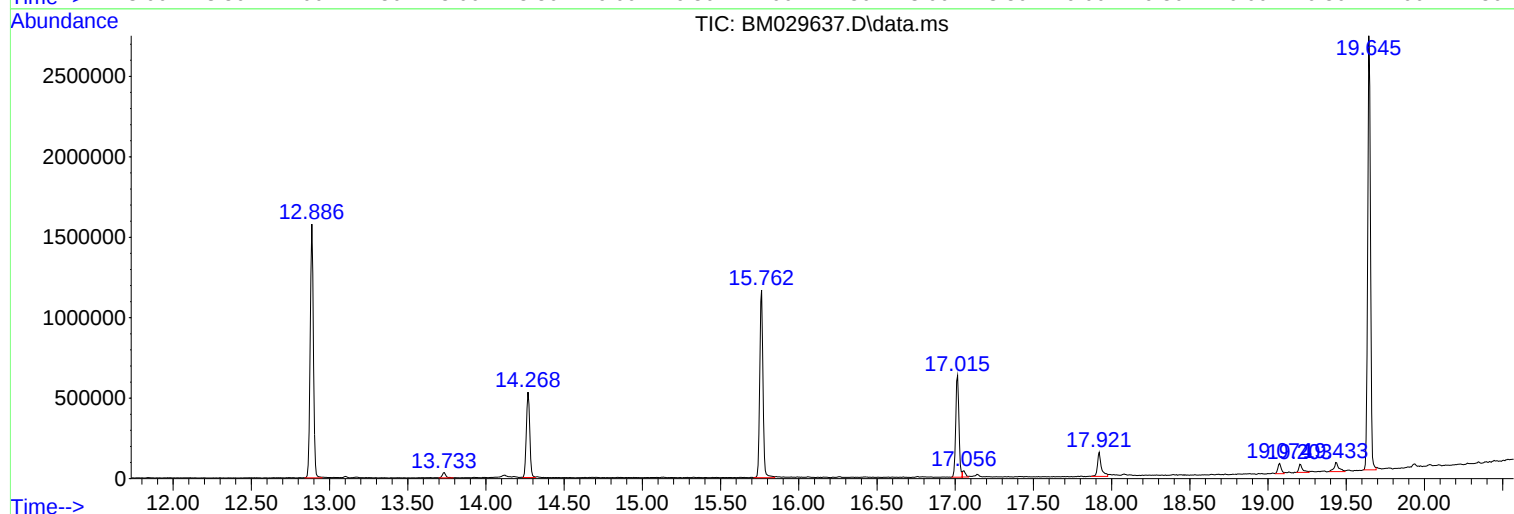
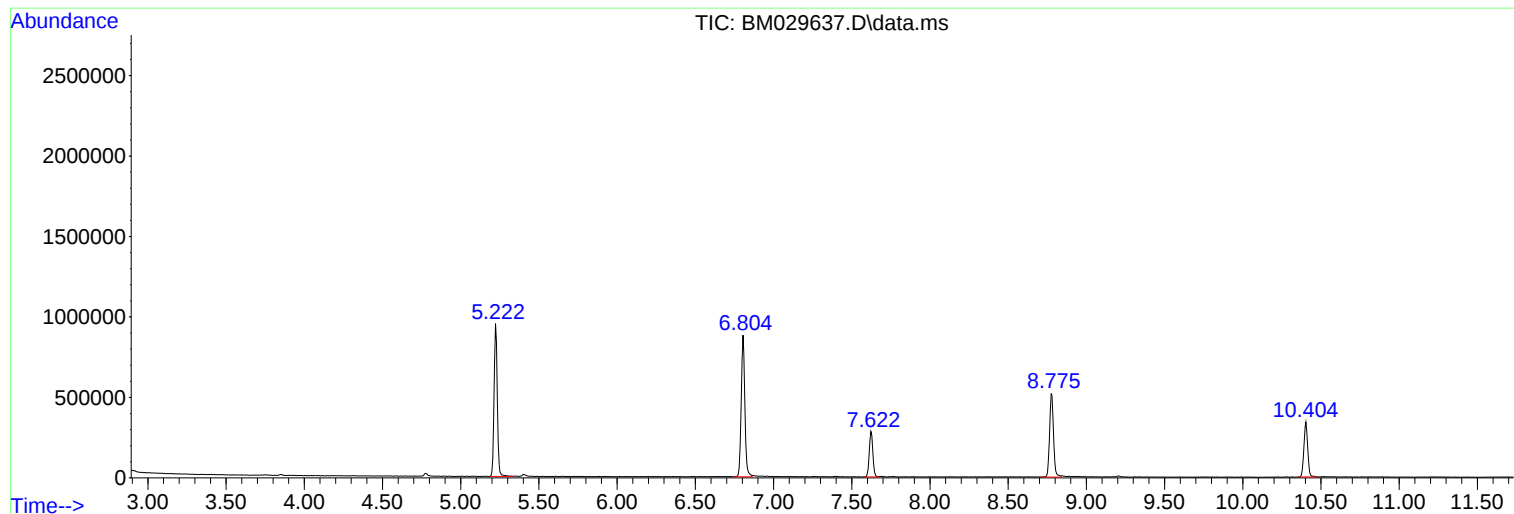
Sum of corrected areas: 17298711

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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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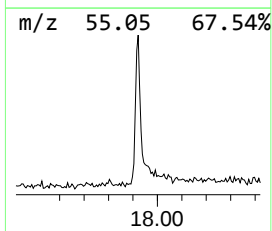
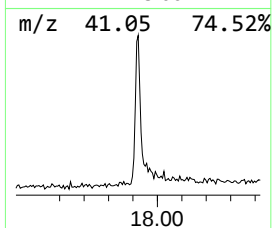
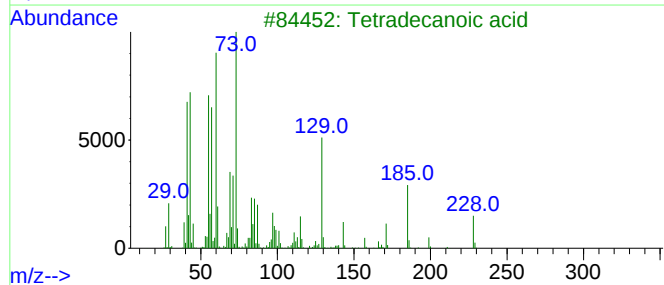
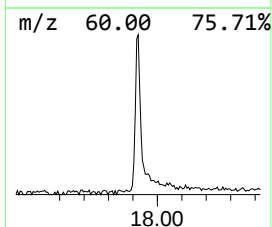
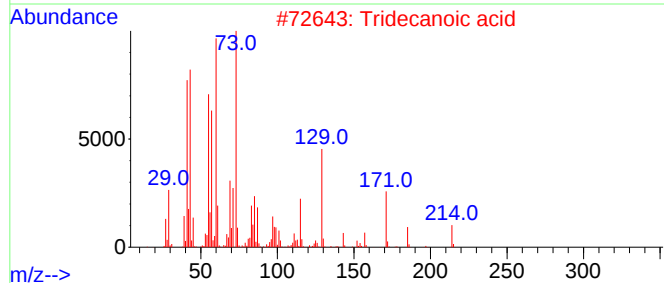
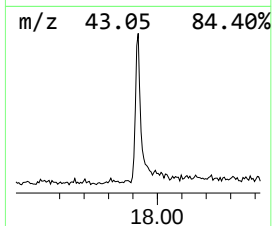
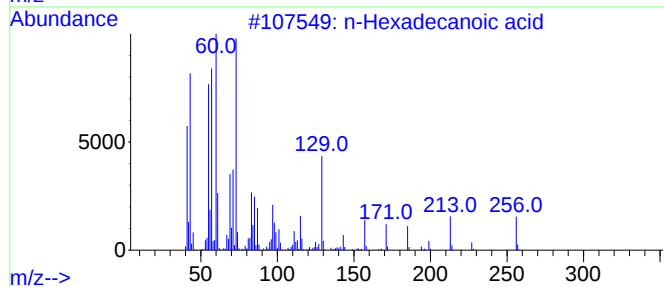
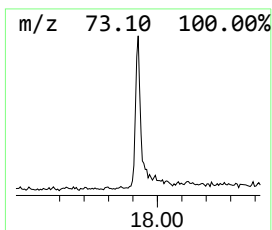
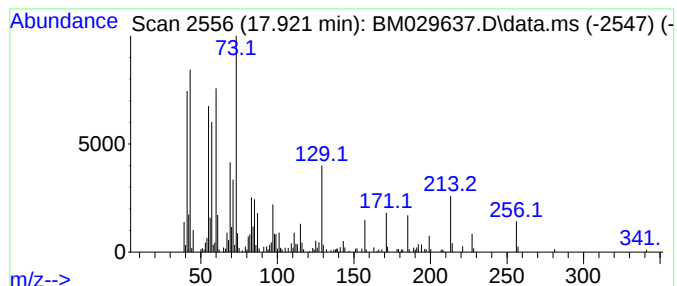
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042121.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.921	5.66 ng	257611	Phenanthrene-d10	17.015

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2			Tridecanoic acid	214	C13H26O2	000638-53-9	89
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	76
4			Pentadecanoic acid	242	C15H30O2	001002-84-2	76
5			n-Decanoic acid	172	C10H20O2	000334-48-5	64



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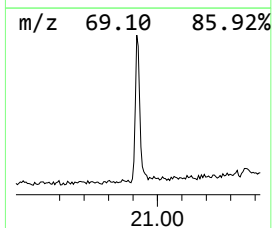
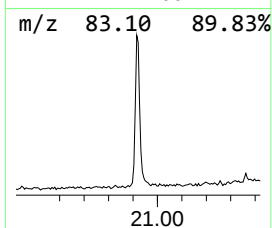
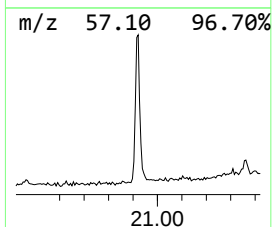
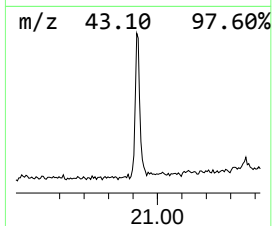
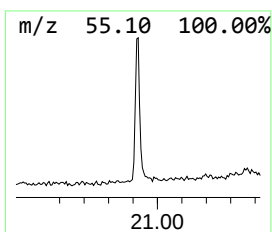
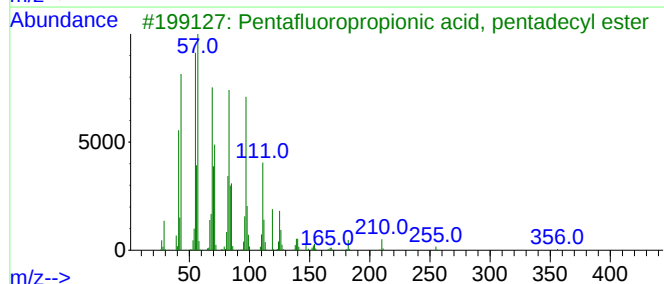
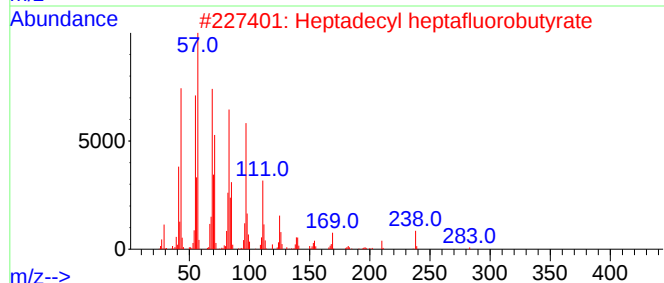
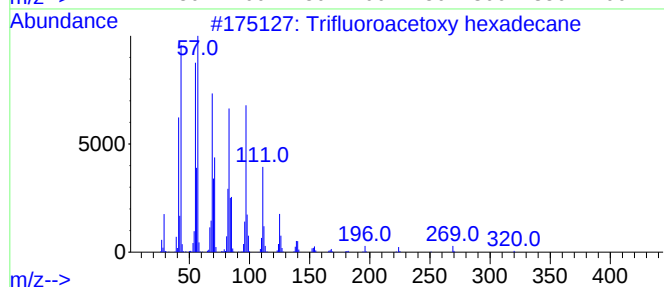
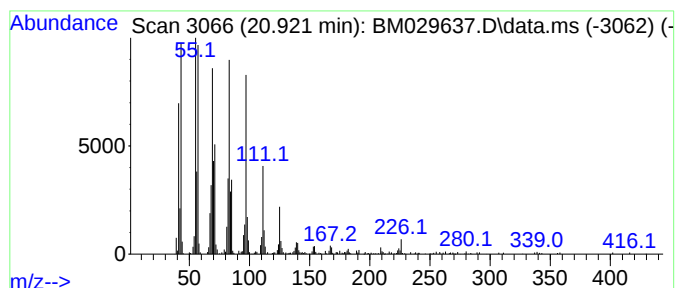
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Peak Number 3 Trifluoroacetoxy hexadecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
20.921	6.25 ng	393962	Chrysene-d12	21.197	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94
2	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
3	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	93
4	1-Heneicosanol	312	C21H44O	015594-90-8	91
5	1-Nonadecene	266	C19H38	018435-45-5	91



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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic ...	17.921	5.7	ng	257611	4	17.015	911011	20.0
Trifluoroacetox...	20.921	6.3	ng	393962	5	21.197	1260810	20.0