

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF040122\
 Data File : BF127622.D
 Acq On : 01 Apr 2022 20:01
 Operator : CG\JU
 Sample : N2197-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DEWATERING-EFFLUENT-033022

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_F\Methods\8270-BF032122.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF127622.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.457	537	539	564	rBV	1287381	1576109	38.23%	7.513%
2	6.475	709	712	732	rBV	834438	1016901	24.67%	4.847%
3	6.828	769	772	781	rBV	701764	673906	16.35%	3.212%
4	7.404	866	870	873	rBV	2372032	2329168	56.50%	11.102%
5	8.116	987	991	1005	rBV	978726	896128	21.74%	4.271%
6	9.192	1169	1174	1177	rBV	4074579	3872353	93.93%	18.458%
7	9.869	1286	1289	1301	rBV	1203078	1047806	25.42%	4.994%
8	10.669	1421	1425	1450	rBV	2431503	2477838	60.10%	11.811%
9	11.363	1540	1543	1553	rBV	1226895	1095893	26.58%	5.224%
10	12.121	1668	1672	1675	rBV	360151	282206	6.85%	1.345%
11	12.951	1808	1813	1816	rBV	4180565	4122647	100.00%	19.651%
12	14.015	1991	1994	2009	rBV	707675	716316	17.38%	3.414%
13	14.827	2128	2132	2138	rBV	318879	310374	7.53%	1.479%
14	15.498	2242	2246	2268	rVB	358120	562130	13.64%	2.679%

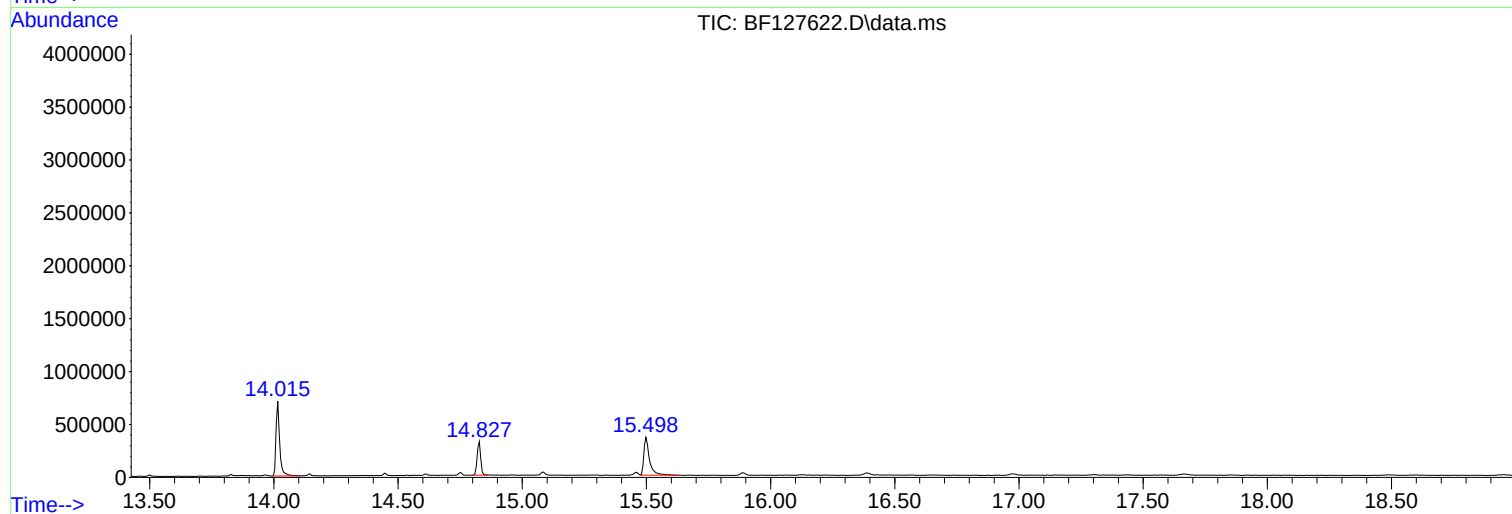
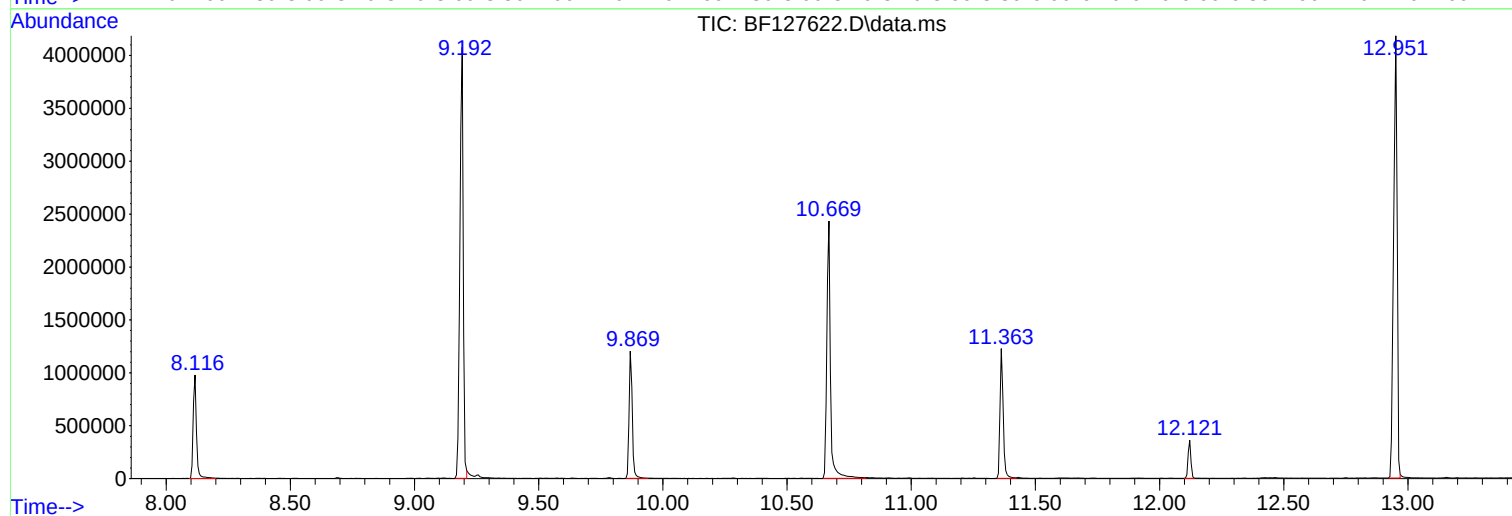
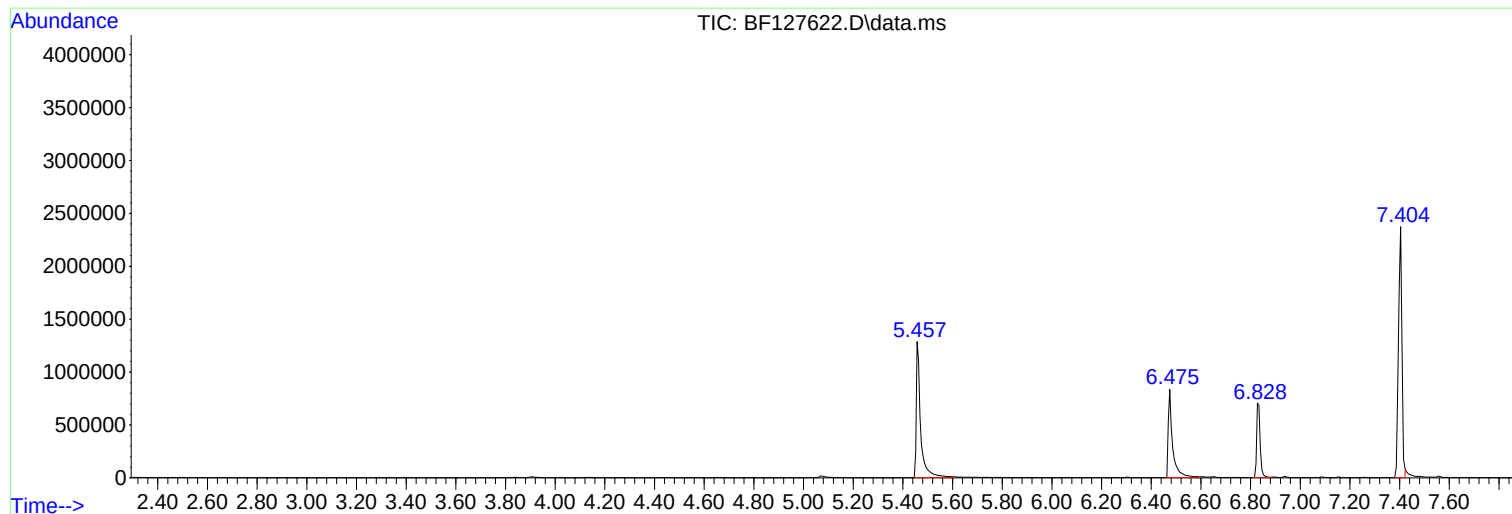
Sum of corrected areas: 20979775

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF032122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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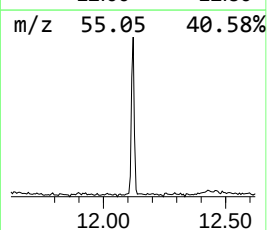
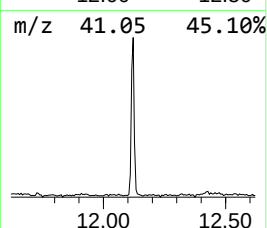
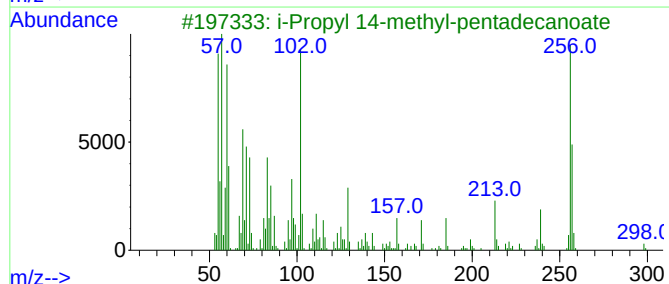
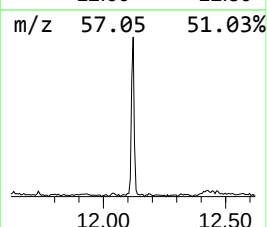
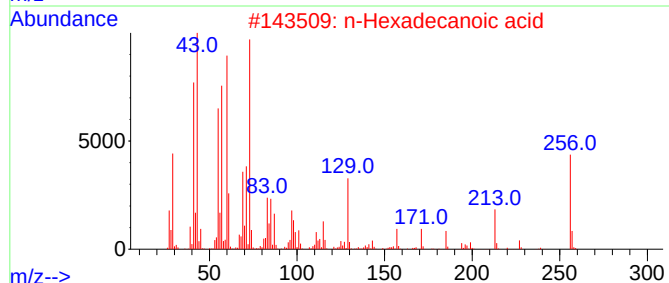
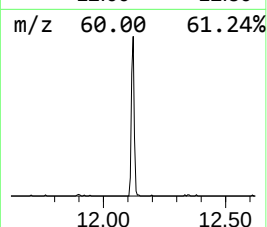
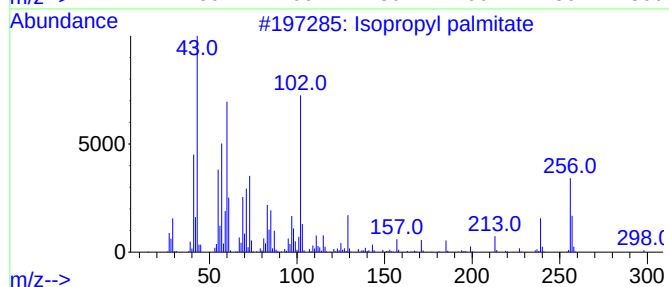
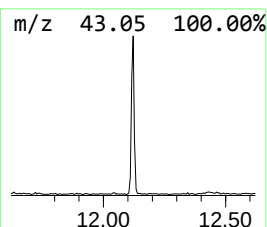
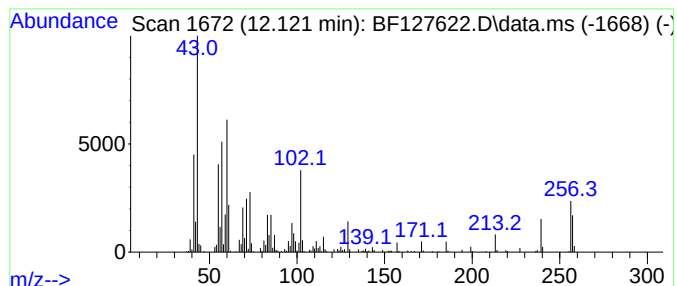
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF032122.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Isopropyl palmitate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.121	5.15 ng	282206	Phenanthrene-d10	11.363

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Isopropyl palmitate	298	C19H38O2	000142-91-6	91
2			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	60
3			i-Propyl 14-methyl-pentadecanoate	298	C19H38O2	1000336-62-4	50
4			8-Methylnonanoic acid, isopropyl...	214	C13H26O2	1000452-00-6	47
5			n-Capric acid isopropyl ester	214	C13H26O2	002311-59-3	47



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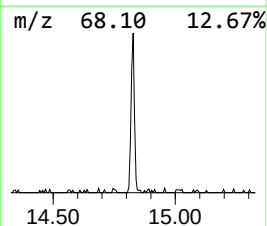
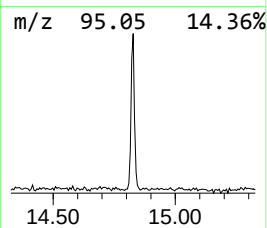
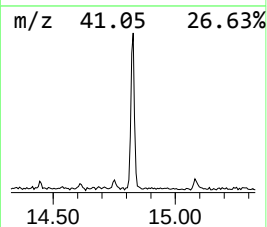
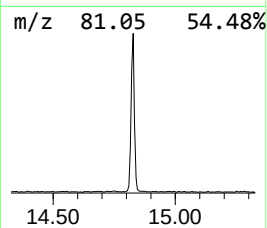
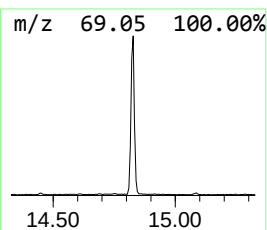
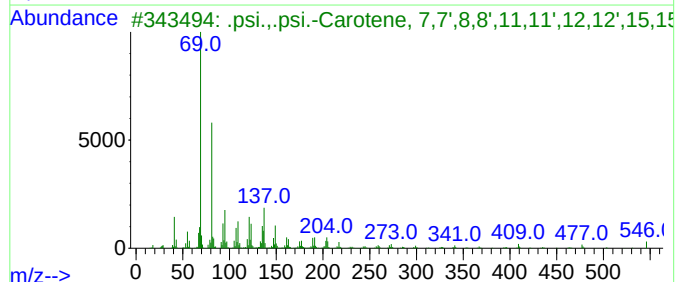
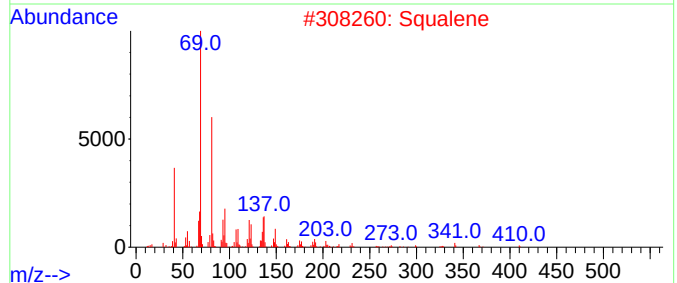
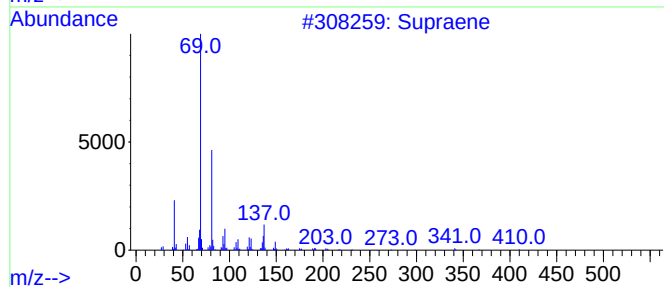
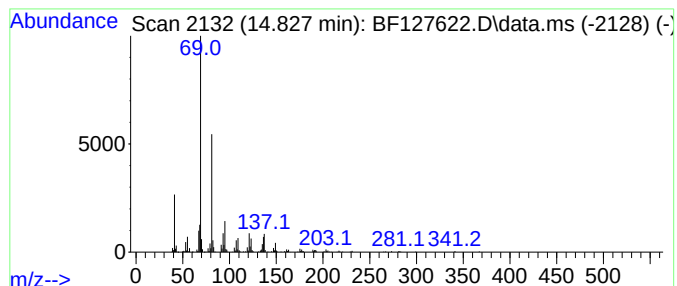
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Peak Number 2 Supraene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.827	11.04 ng	310374	Perylene-d12	15.498

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Supraene	410	C30H50	007683-64-9	91
2			Squalene	410	C30H50	000111-02-4	91
3			.psi.,.psi.-Carotene, 7,7',8,8',...	547	C40H66	000502-62-5	83
4			4,9,13,17-Tetramethyl-4,8,12,16-...	316	C22H36O	056882-09-8	83
5			2,6,10,14-Hexadecatetraenoic aci...	332	C22H36O2	024035-35-6	78



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TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Isopropyl palmi...	12.121	5.2	ng	282206	4	11.363	1095890	20.0
Supraene	14.827	11.0	ng	310374	6	15.498	562130	20.0