

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070725\
 Data File : BF143009.D
 Acq On : 07 Jul 2025 15:17
 Operator : RC/JU
 Sample : Q2487-10
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 G4(6-12)

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-BF061925.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF143009.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.087	485	492	501	rBV	64039	95314	8.49%	1.138%
2	5.498	556	562	581	rBV	680674	928799	82.70%	11.092%
3	6.504	728	733	753	rBV	695979	905551	80.63%	10.815%
4	6.875	791	796	803	rBV	247810	311415	27.73%	3.719%
5	7.433	886	891	900	rBV	464177	594283	52.92%	7.097%
6	8.157	1009	1014	1021	rBV	317906	391806	34.89%	4.679%
7	9.233	1191	1197	1202	rBV	906003	1123050	100.00%	13.412%
8	9.916	1308	1313	1318	rBV	325384	406768	36.22%	4.858%
9	10.627	1426	1434	1442	rBV	107540	135118	12.03%	1.614%
10	10.704	1442	1447	1459	rBV	468891	597187	53.18%	7.132%
11	11.404	1561	1566	1574	rBV	296853	400034	35.62%	4.777%
12	11.927	1650	1655	1667	rBV3	53193	106046	9.44%	1.266%
13	12.621	1768	1773	1777	rBV	64496	85813	7.64%	1.025%
14	12.851	1806	1812	1818	rVB	62543	90438	8.05%	1.080%
15	12.986	1830	1835	1843	rVB	666899	873744	77.80%	10.435%
16	13.063	1844	1848	1856	rVB4	5765	12089	1.08%	0.144%
17	13.174	1861	1867	1871	rBV	11362	21194	1.89%	0.253%
18	13.886	1983	1988	1997	rVB2	51517	99570	8.87%	1.189%
19	14.051	2010	2016	2028	rVB2	257584	404857	36.05%	4.835%
20	14.198	2038	2041	2047	rBV5	10166	19388	1.73%	0.232%
21	14.504	2090	2093	2096	rBV	18349	27248	2.43%	0.325%
22	14.921	2160	2164	2174	rVB3	44396	66843	5.95%	0.798%
23	15.104	2190	2195	2202	rBV	46735	113787	10.13%	1.359%
24	15.415	2244	2248	2254	rVB	24802	37897	3.37%	0.453%
25	15.480	2255	2259	2264	rVV	40357	64349	5.73%	0.769%
26	15.545	2264	2270	2281	rVB	232221	386101	34.38%	4.611%
27	17.056	2522	2527	2534	rBV2	20468	42258	3.76%	0.505%
28	17.509	2601	2604	2615	rVB	14770	32357	2.88%	0.386%

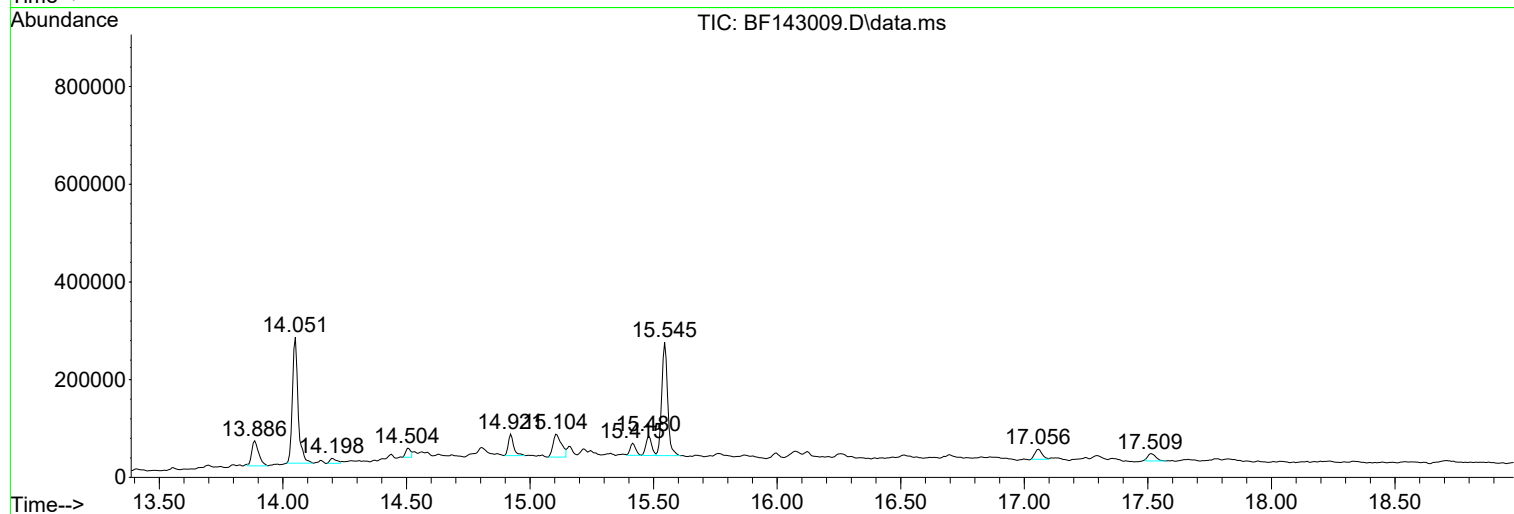
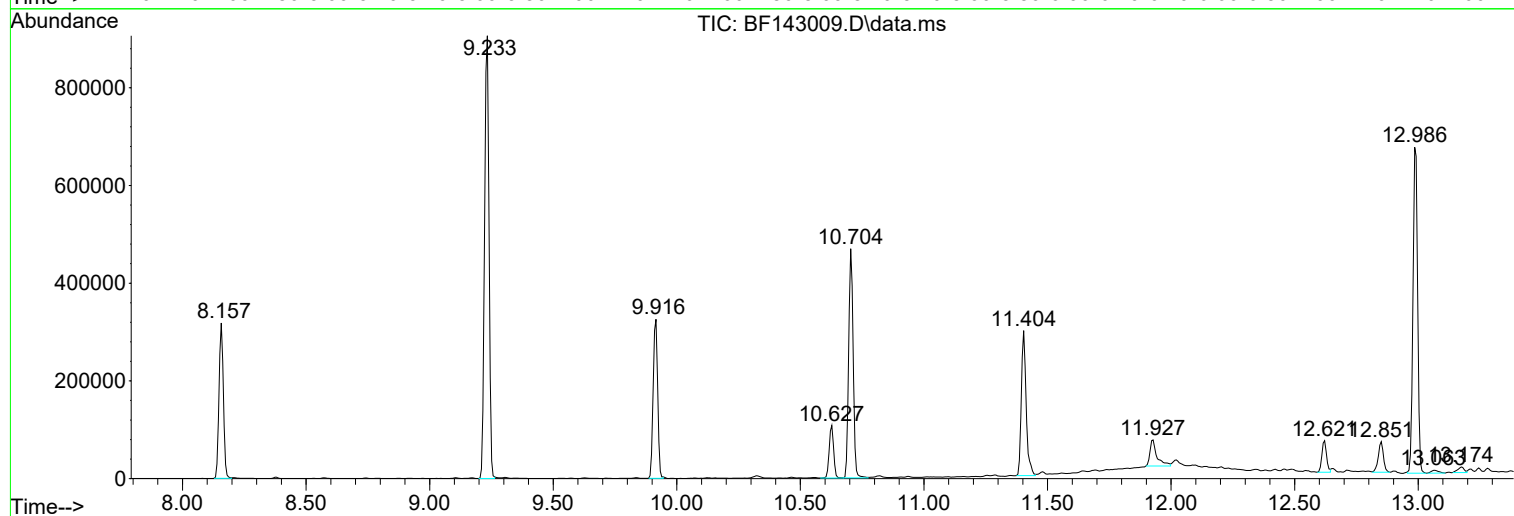
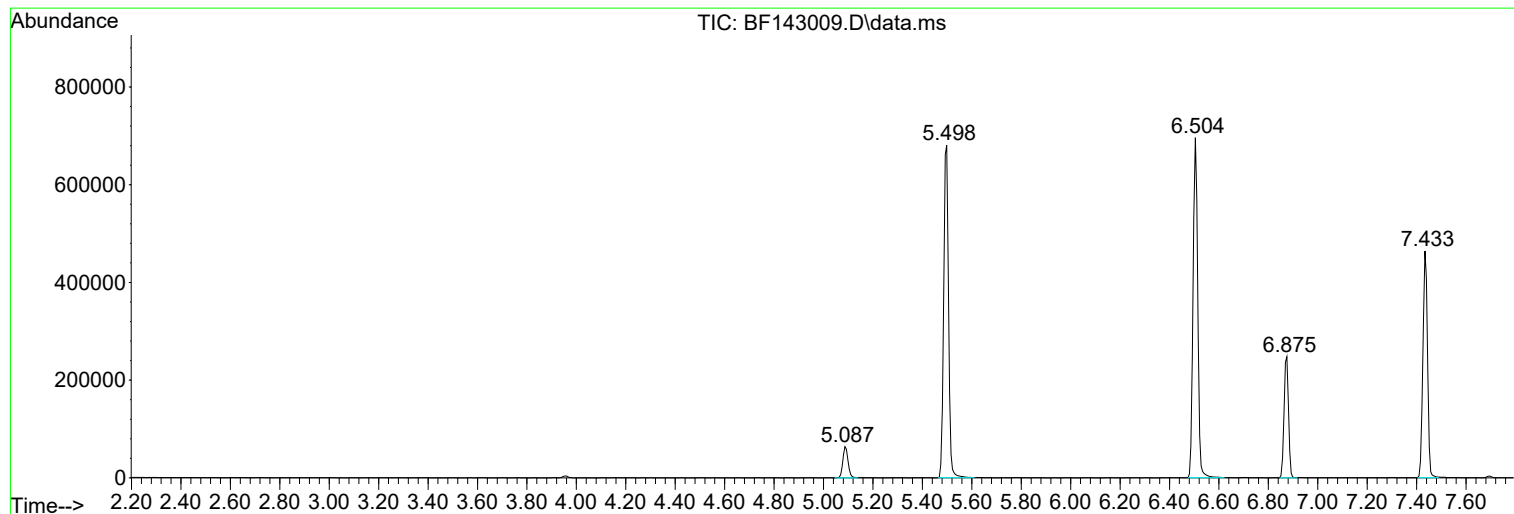
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ClientSampleId :
G4(6-12)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.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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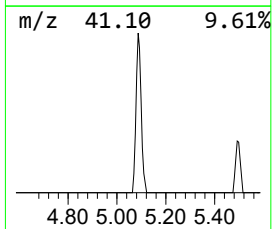
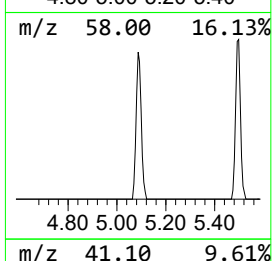
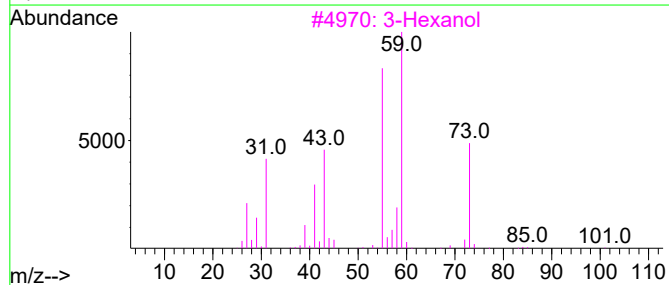
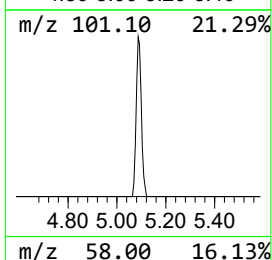
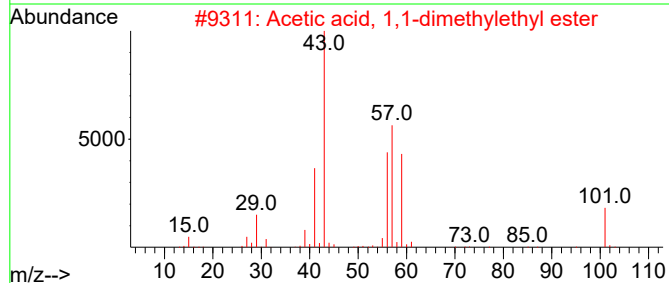
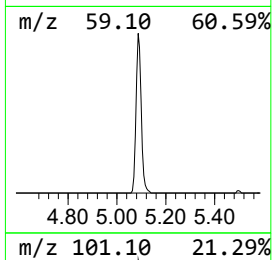
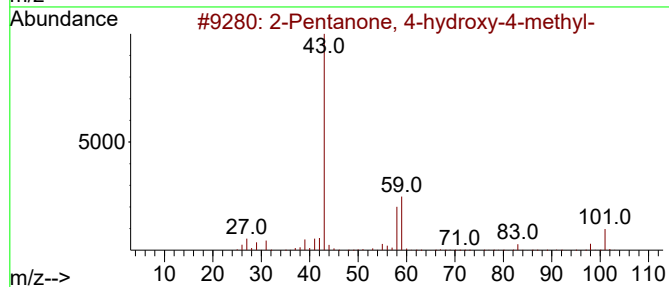
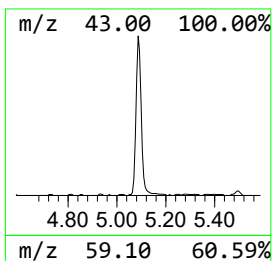
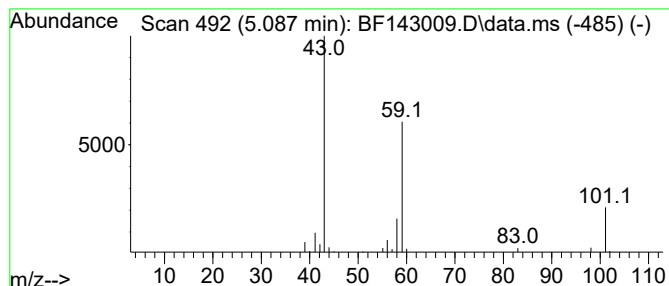
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.087	6.12 ng	95314	1,4-Dichlorobenzene-d4	6.875

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64		
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39		
3	3-Hexanol	102	C6H14O	000623-37-0	28		
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17		
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10		



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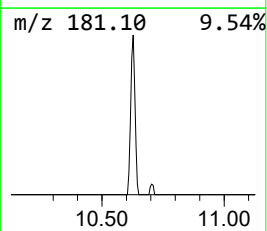
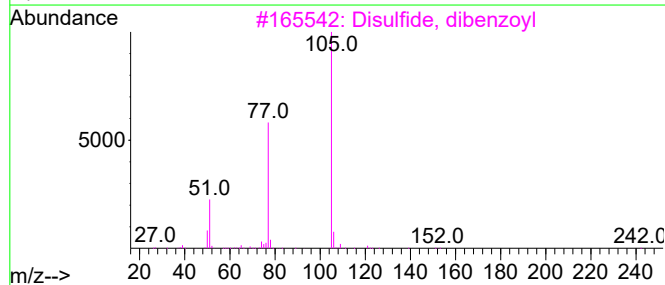
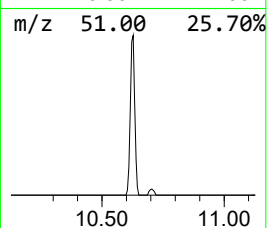
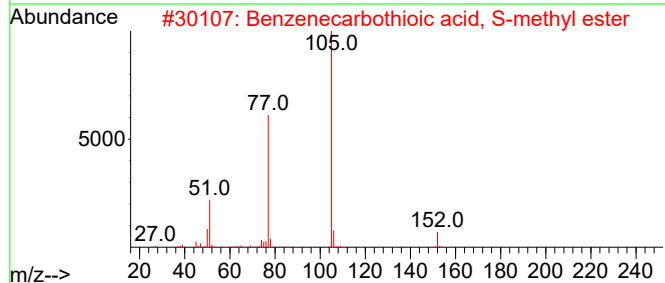
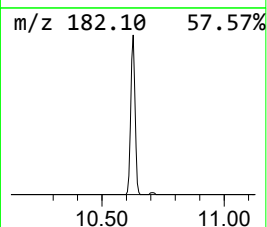
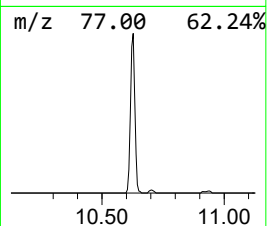
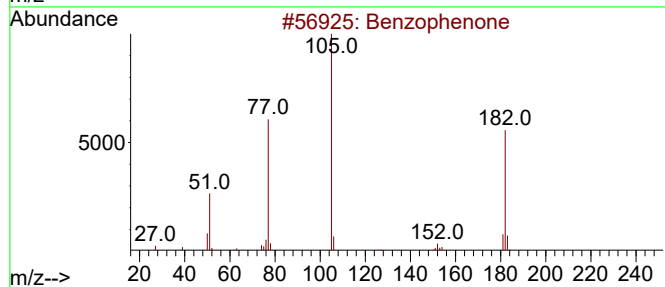
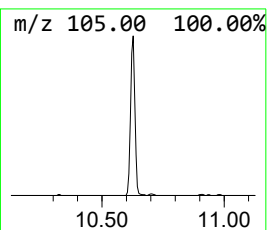
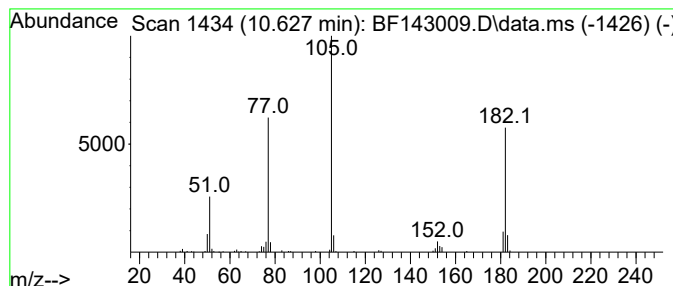
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Peak Number 2 Benzophenone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.627	6.64 ng	135118	Acenaphthene-d10	9.916

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	96
2			Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	60
3			Disulfide, dibenzoyl	274	C14H10O2S2	000644-32-6	49
4			N-Methoxy-N-methylbenzamide	165	C9H11NO2	006919-61-5	47
5			Benzenebutanoic acid, .gamma.-oxo-	178	C10H10O3	002051-95-8	47



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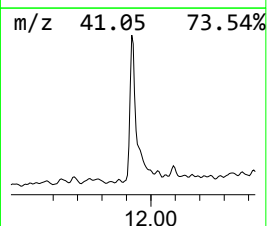
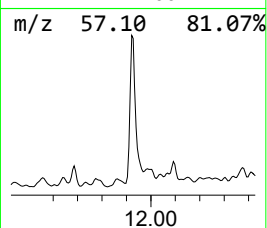
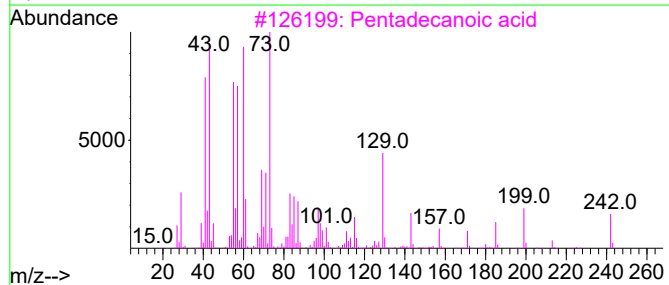
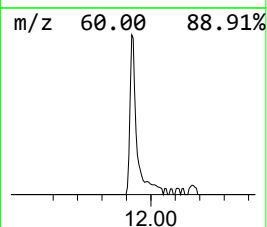
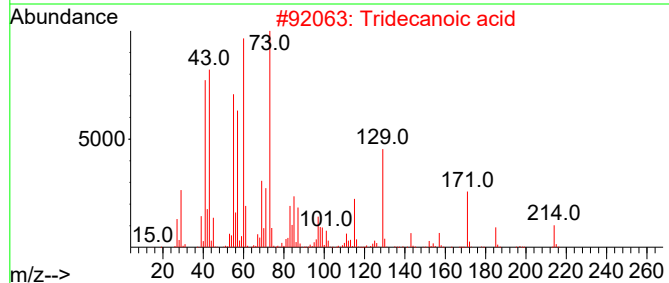
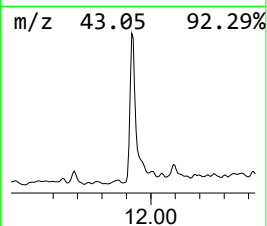
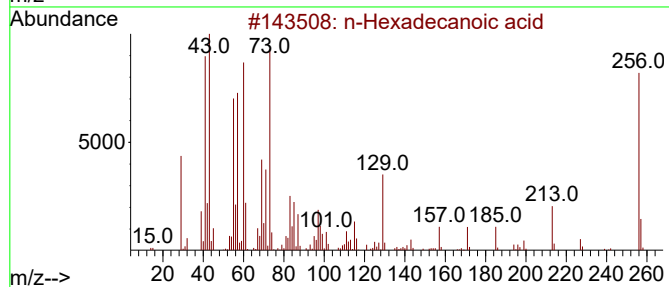
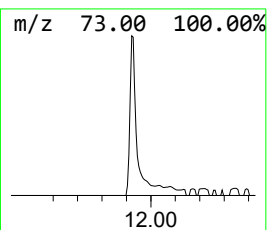
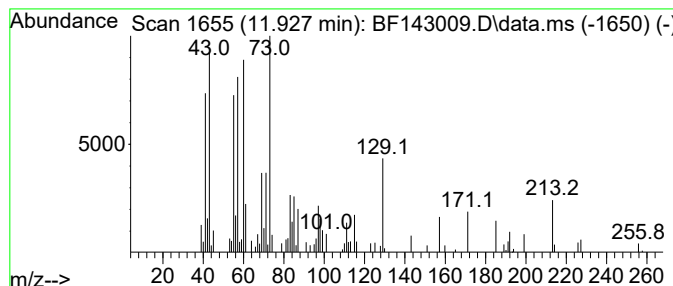
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TIC Library : C:\Database\NIST20.L
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Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.927	5.30 ng	106046	Phenanthrene-d10	11.404

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2			Tridecanoic acid	214	C13H26O2	000638-53-9	91
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5			n-Decanoic acid	172	C10H20O2	000334-48-5	58



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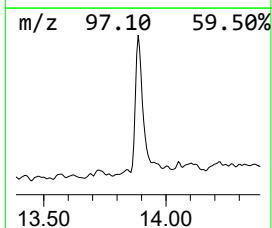
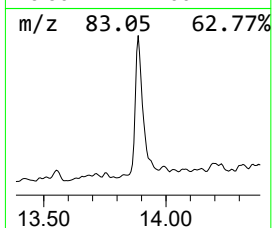
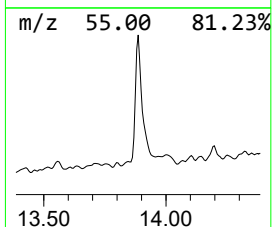
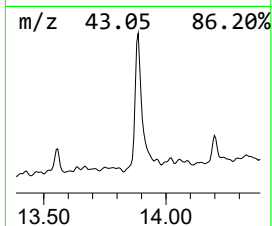
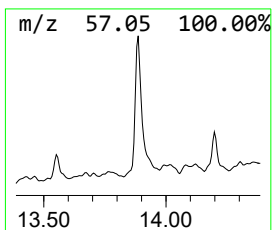
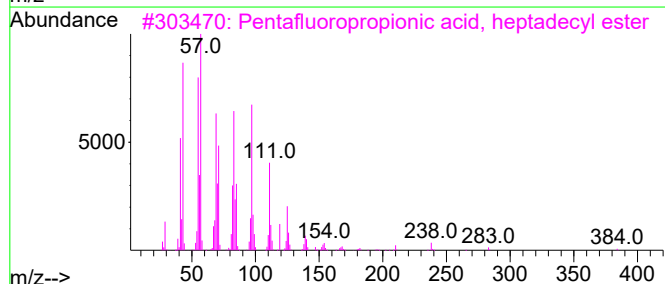
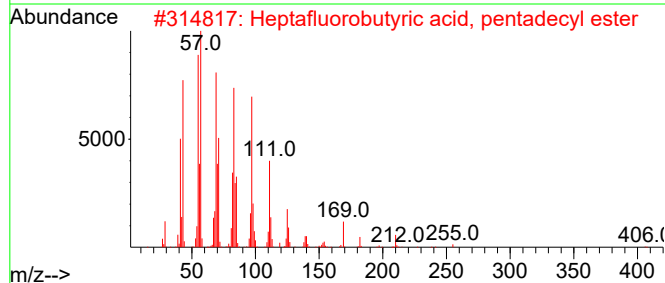
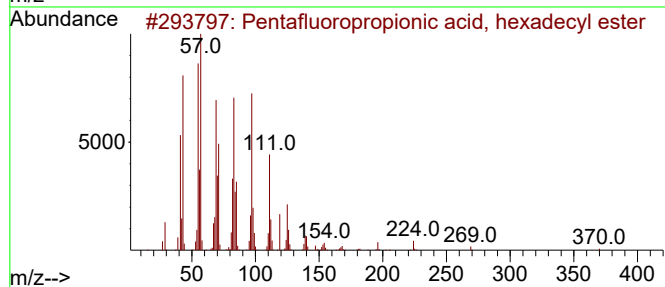
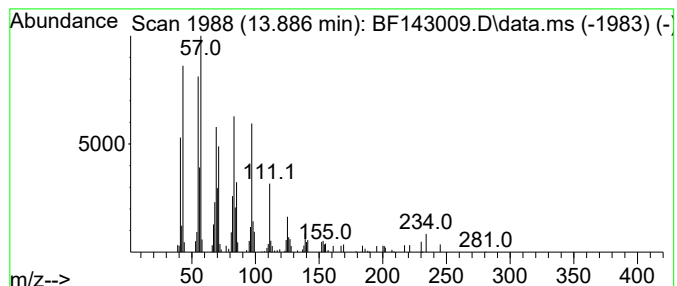
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Peak Number 4 Pentafluoropropionic acid, ... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.886	4.92 ng	99570	Chrysene-d12	14.051	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentafluoropropionic acid, hexadecyl ester	388	C19H33F5O2	006222-07-7	93
2	Heptafluorobutyric acid, pentadecyl ester	424	C19H31F7O2	959261-23-5	93
3	Pentafluoropropionic acid, heptadecyl ester	402	C20H35F5O2	959218-78-1	93
4	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	90
5	Heptadecyl trifluoroacetate	352	C19H35F3O2	1010351-87-0	90



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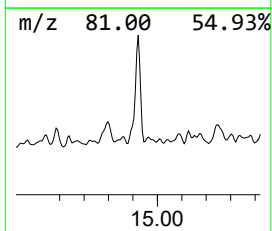
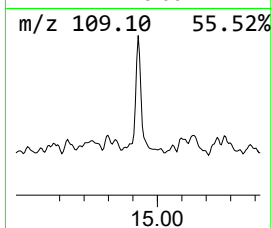
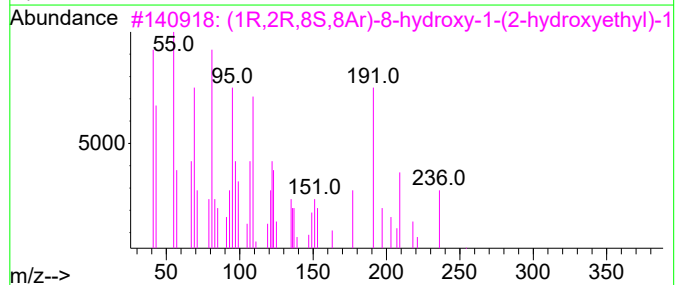
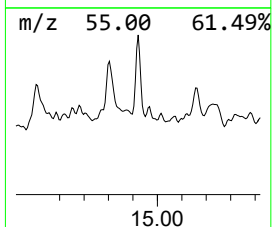
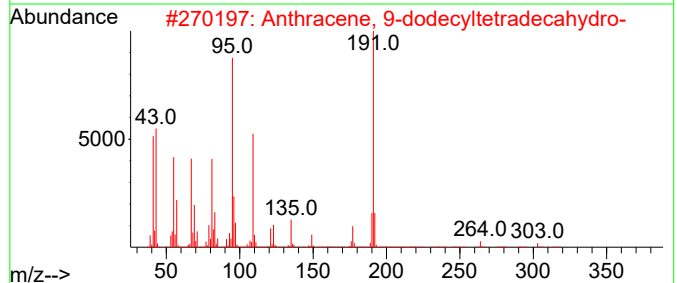
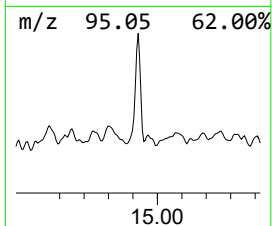
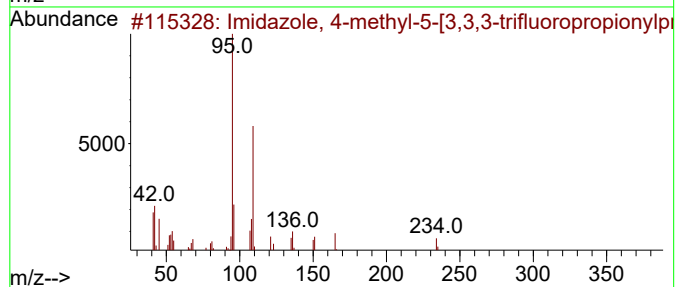
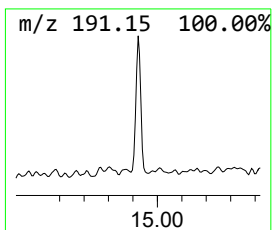
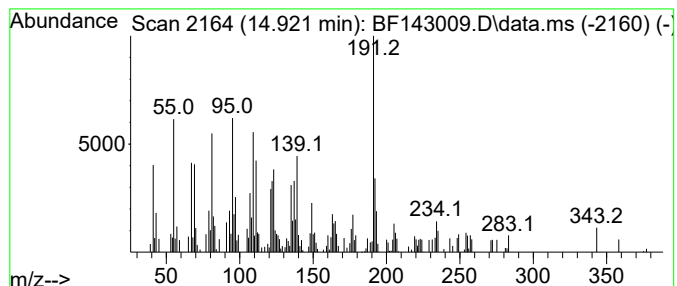
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TIC Library : C:\Database\NIST20.L
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Peak Number 5 unknown14.921 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.921	3.46 ng	66843	Perylene-d12	15.545

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Imidazole, 4-methyl-5-[3,3,3-tri...	234	C10H13F3N2O	1000129-15-8	43
2			Anthracene, 9-dodecyltetradecahy...	360	C26H48	055401-75-7	38
3			(1R,2R,8S,8Ar)-8-hydroxy-1-(2-hy...	254	C16H30O2	1000298-98-6	27
4			Anthracene, 9-butyltetradecahydro-	248	C18H32	055133-89-6	22
5			2-Allyl-1,4-dimethoxy-3-vinyloxy...	234	C14H18O3	1000188-16-6	18



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-...	5.087	6.1	ng	95314	1	6.875	311415	20.0
Benzophenone	10.627	6.6	ng	135118	3	9.916	406768	20.0
n-Hexadecanoic ...	11.927	5.3	ng	106046	4	11.404	400034	20.0
Pentafluoroprop...	13.886	4.9	ng	99570	5	14.051	404857	20.0
unknown14.921	14.921	3.5	ng	66843	6	15.545	386101	20.0