

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070523\
 Data File : BF134086.D
 Acq On : 06 Jul 2023 02:14
 Operator : CG\JU
 Sample : 03473-08
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CMC-EME-TOPSOIL-013

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-BF062623.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF134086.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.157	5	12	23	rVB	1243878	1667958	66.21%	8.014%
2	2.269	26	31	39	rVB	41990	60635	2.41%	0.291%
3	5.092	507	511	520	rVB	139222	172996	6.87%	0.831%
4	5.481	573	577	598	rBV	2355956	2476123	98.29%	11.898%
5	6.486	743	748	759	rBV	2386513	2519151	100.00%	12.104%
6	6.845	805	809	816	rBV	964021	770636	30.59%	3.703%
7	7.410	900	905	908	rBV	1770124	1578665	62.67%	7.585%
8	8.122	1023	1026	1030	rBV	1030368	944084	37.48%	4.536%
9	9.204	1206	1210	1213	rBV	2887254	2480333	98.46%	11.918%
10	9.880	1322	1325	1329	rBV	1066886	944554	37.49%	4.538%
11	10.598	1443	1447	1452	rBV	250690	208517	8.28%	1.002%
12	10.674	1456	1460	1470	rVV	1521325	1322939	52.52%	6.357%
13	10.910	1497	1500	1503	rVB	33823	27625	1.10%	0.133%
14	11.374	1576	1579	1583	rBV	917133	815329	32.37%	3.918%
15	11.427	1586	1588	1592	rVB	38104	32841	1.30%	0.158%
16	11.904	1666	1669	1673	rBV2	60633	60228	2.39%	0.289%
17	12.698	1800	1804	1816	rVB2	20172	37274	1.48%	0.179%
18	12.810	1817	1823	1825	rBV3	32030	40505	1.61%	0.195%
19	12.974	1847	1851	1854	rBV	1928694	1717840	68.19%	8.254%
20	13.204	1887	1890	1893	rBV	43935	44781	1.78%	0.215%
21	13.551	1944	1949	1953	rBV	49310	62101	2.47%	0.298%
22	13.886	1982	2006	2022	rBV10	222334	1089034	43.23%	5.233%
23	14.039	2028	2032	2038	rVB	706517	689305	27.36%	3.312%
24	14.198	2056	2059	2063	rBV	63287	63180	2.51%	0.304%
25	14.509	2109	2112	2115	rBV	84481	80165	3.18%	0.385%
26	14.545	2115	2118	2126	rVV8	29405	59492	2.36%	0.286%
27	14.821	2162	2165	2169	rVB	62642	63320	2.51%	0.304%
28	14.898	2175	2178	2182	rVB	52293	54799	2.18%	0.263%
29	15.174	2222	2225	2230	rVB	87677	105733	4.20%	0.508%
30	15.539	2282	2287	2291	rBV	395519	550068	21.84%	2.643%
31	16.033	2368	2371	2376	rVB2	47837	71890	2.85%	0.345%

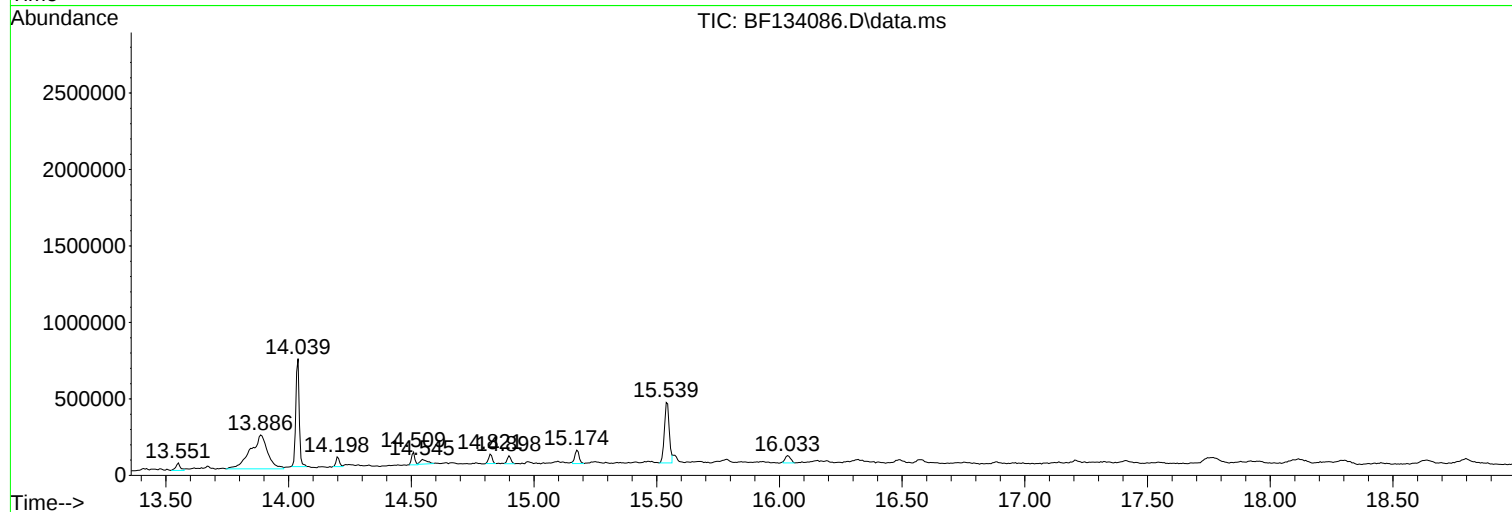
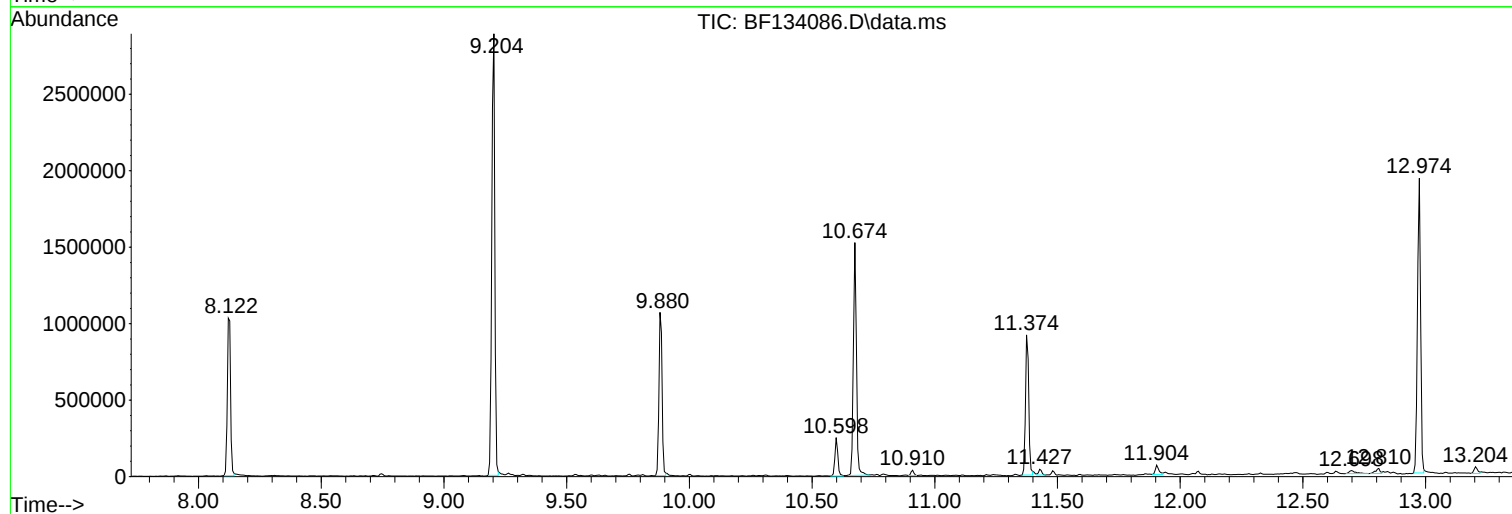
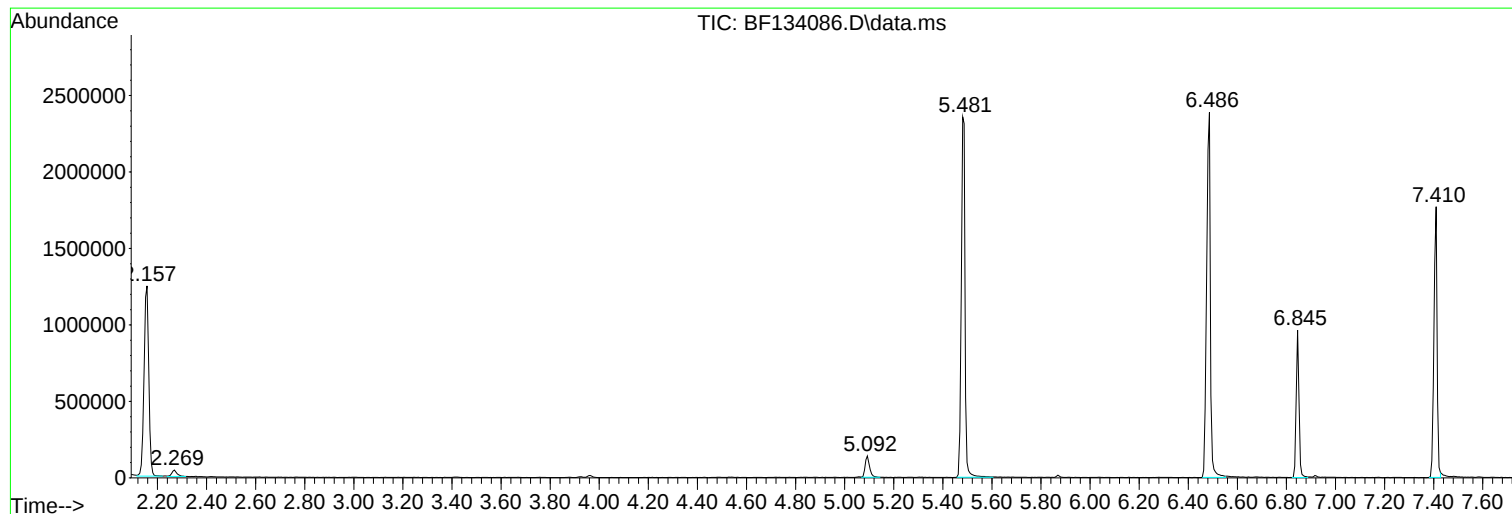
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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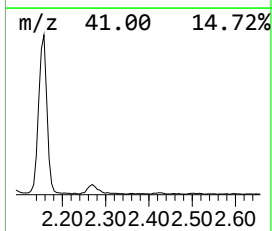
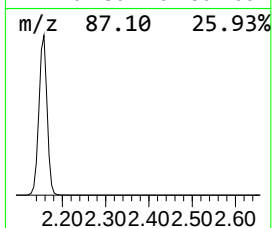
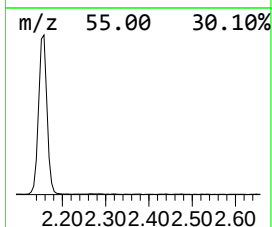
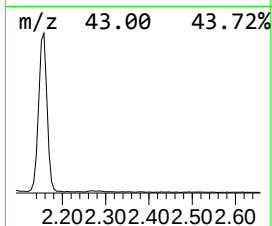
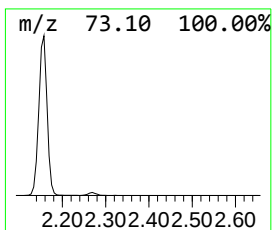
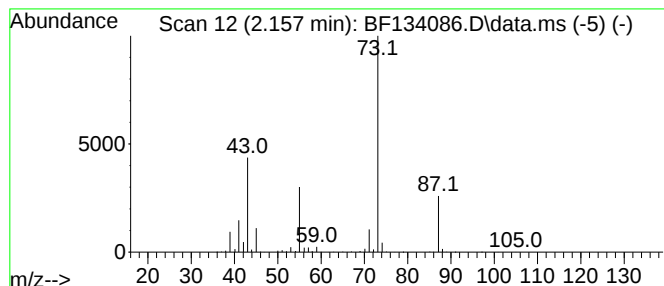
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.157	43.29 ng	1667960	1,4-Dichlorobenzene-d4	6.845

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2			2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3			1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
4			Silane, tetramethyl-	88	C4H12Si	000075-76-3	17
5			Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12



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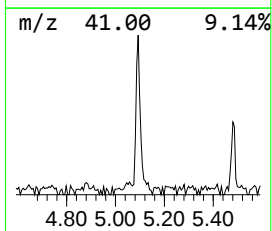
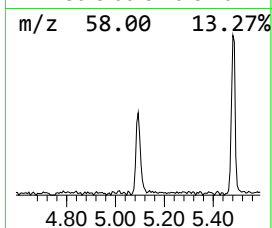
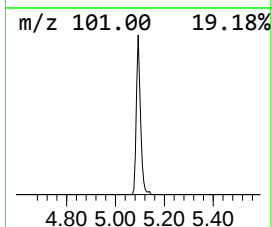
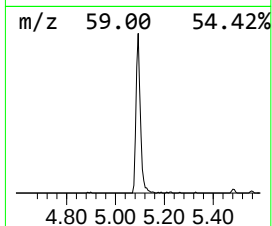
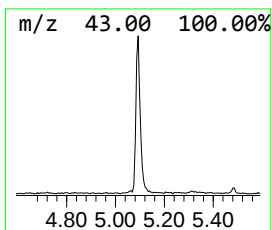
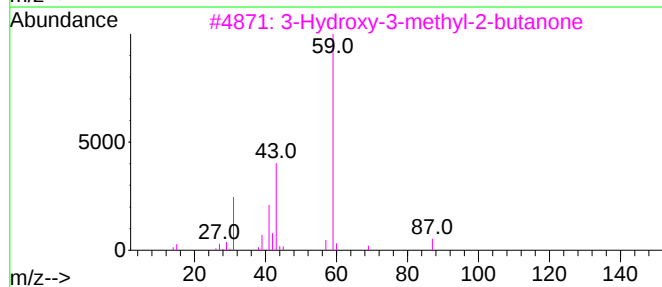
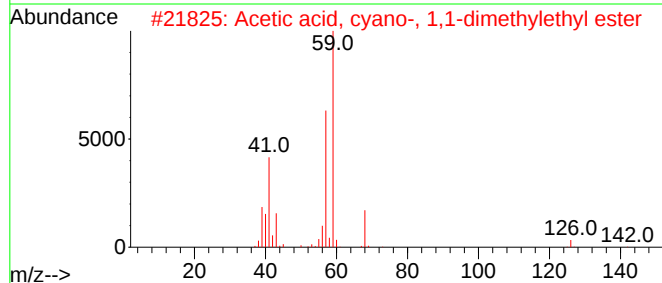
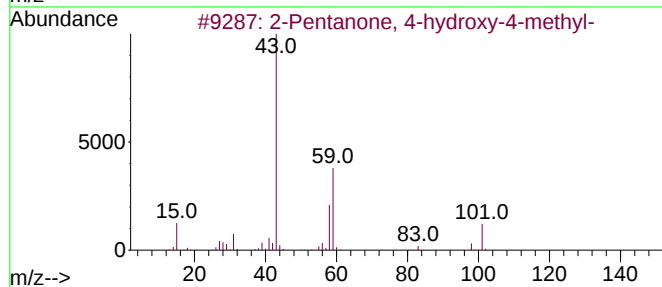
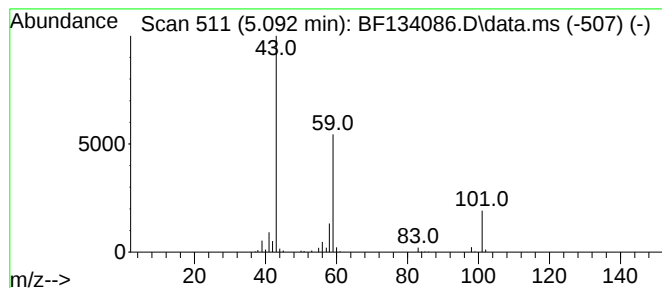
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Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.092	4.49 ng	172996	1,4-Dichlorobenzene-d4	6.845

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56		
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25		
3	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	17		
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10		
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9		



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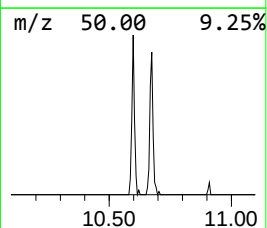
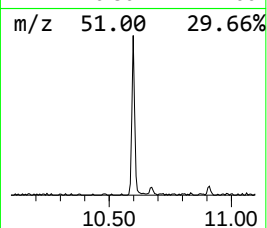
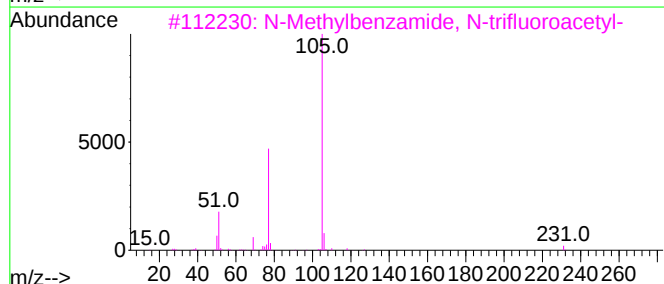
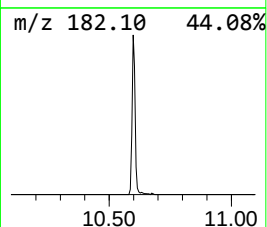
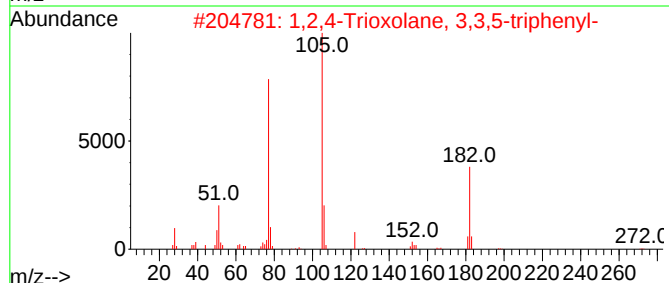
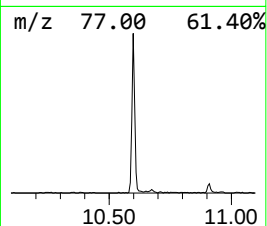
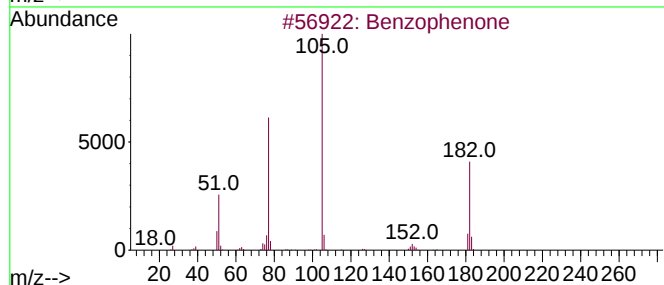
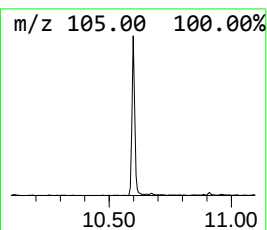
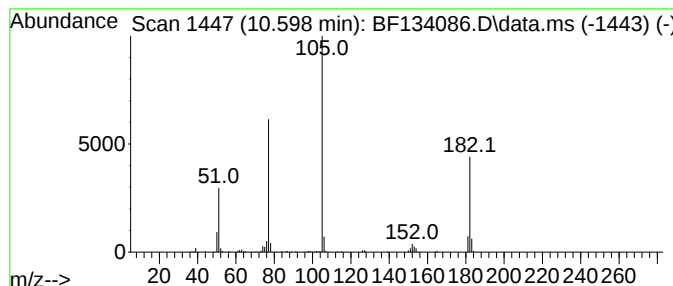
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TIC Library : C:\Database\NIST20.L
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Peak Number 3 Benzophenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.598	4.42 ng	208517	Acenaphthene-d10	9.880

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	97
2			1,2,4-Trioxolane, 3,3,5-triphenyl-	304	C20H16O3	023246-12-0	72
3			N-Methylbenzamide, N-trifluoroac...	231	C10H8F3NO2	1000446-91-5	50
4			2-(2-Oxo-2-phenyl-ethyl)-malon...	184	C11H8N2O	1000296-76-9	50
5			Acetophenone, 2-chloro-	154	C8H7ClO	000532-27-4	50



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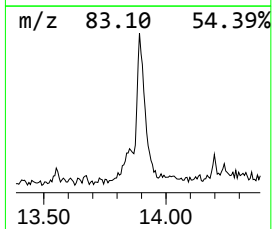
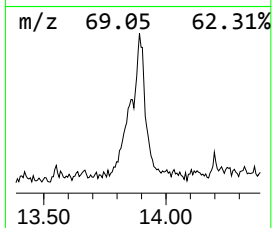
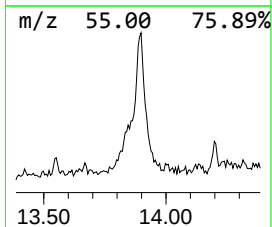
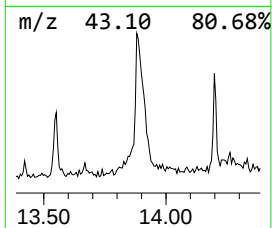
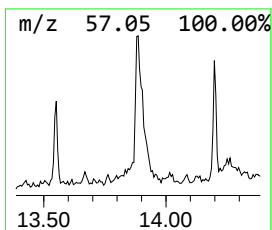
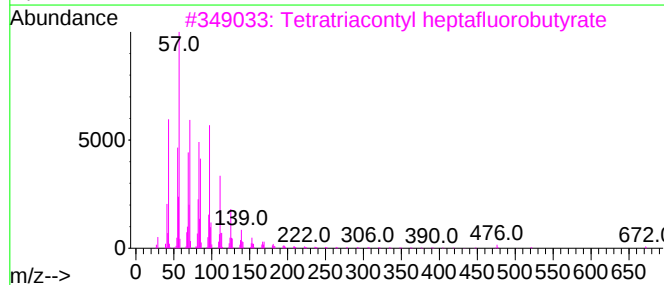
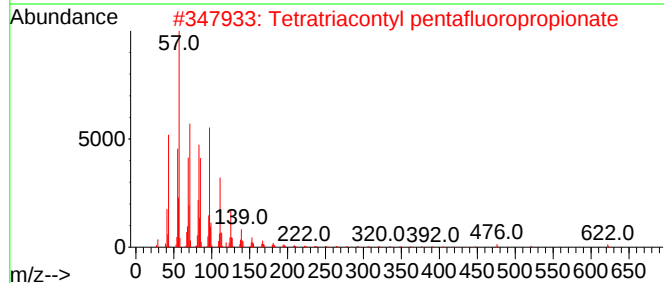
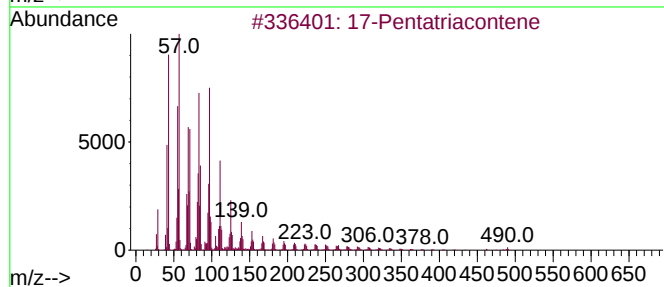
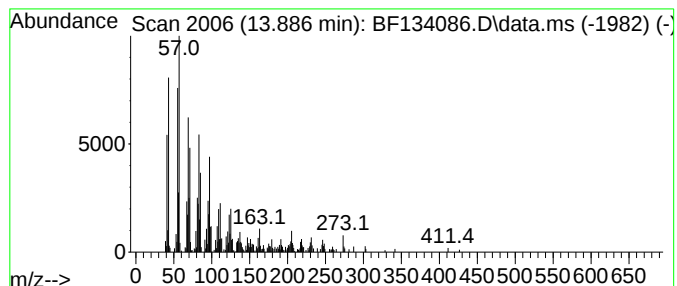
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Peak Number 4 17-Pentatriacontene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.886	31.60 ng	1089030	Chrysene-d12	14.039

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	17-Pentatriacontene			491	C35H70	006971-40-0	76
2	Tetratriacontyl pentafluoropropi...			641	C37H69F5O2	1000351-81-5	70
3	Tetratriacontyl heptafluorobutyrate			691	C38H69F7O2	1000351-84-1	70
4	Pentadecafluorooctanoic acid, oc...			666	C26H37F15O2	1000406-04-8	70
5	Heptadecyl heptafluorobutyrate			452	C21H35F7O2	959085-66-6	70



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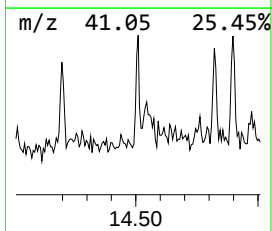
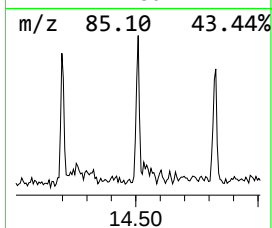
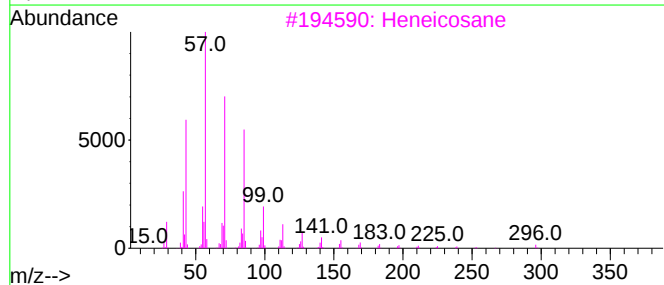
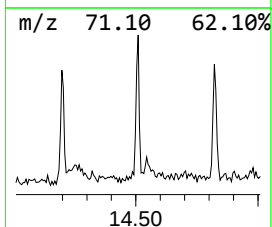
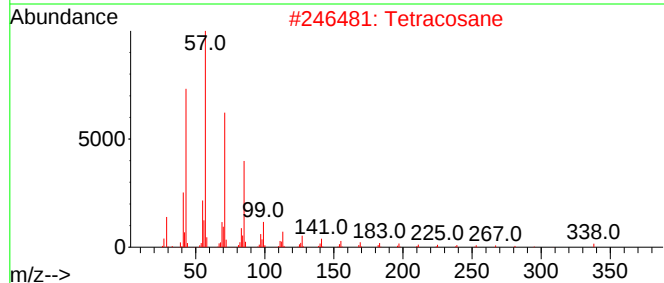
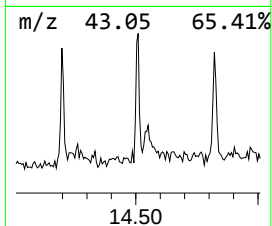
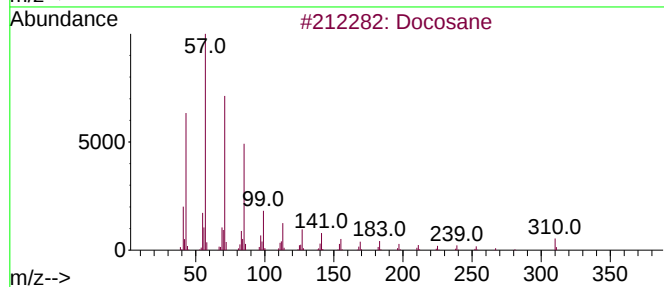
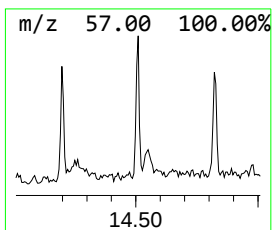
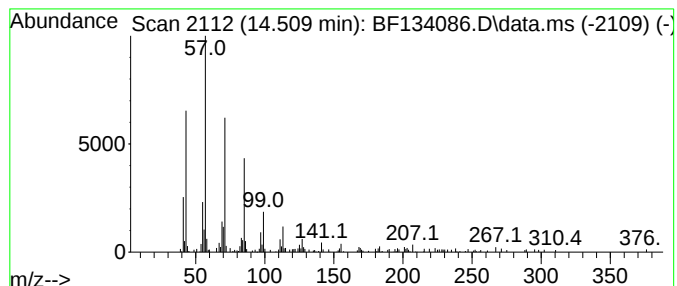
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Peak Number 5 Docosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.509	2.33 ng	80165	Chrysene-d12	14.039

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Docosane	310	C22H46	000629-97-0	96
2			Tetracosane	338	C24H50	000646-31-1	90
3			Heneicosane	296	C21H44	000629-94-7	90
4			Heptacosane	380	C27H56	000593-49-7	87
5			Hentriacontane	437	C31H64	000630-04-6	87



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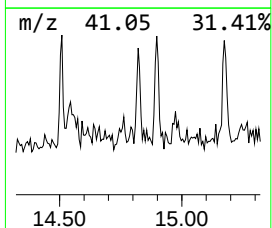
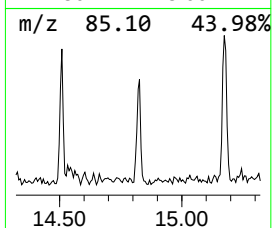
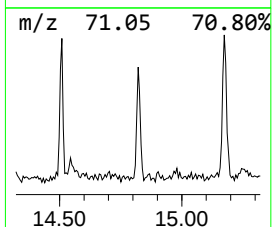
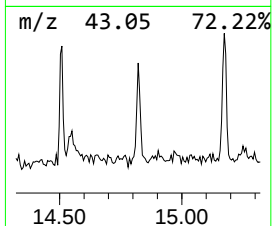
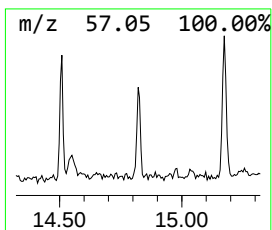
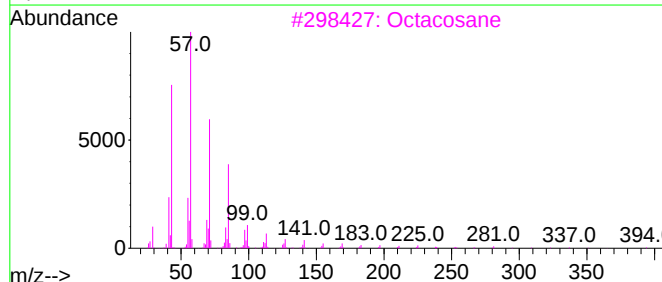
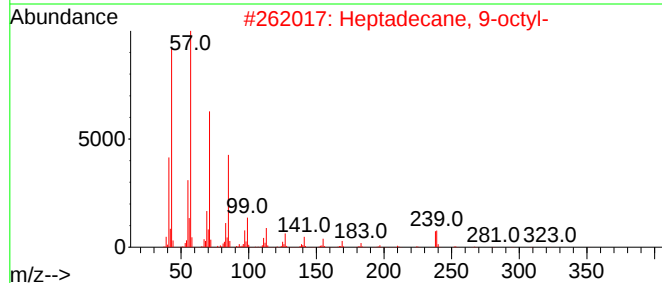
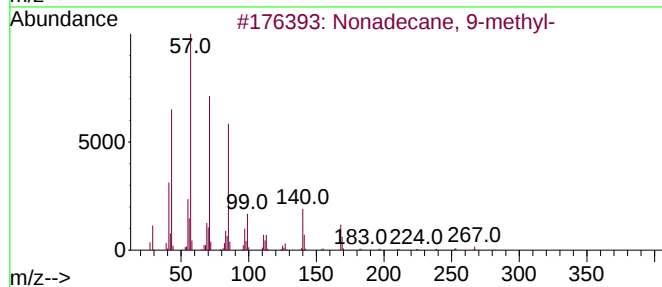
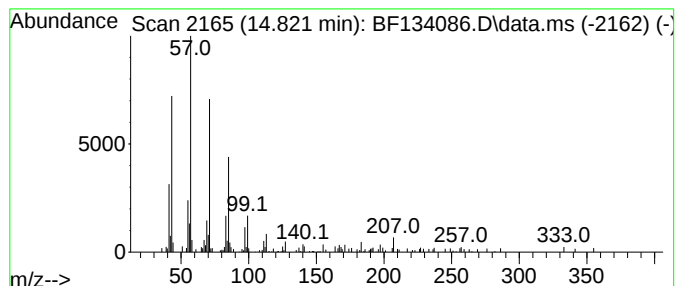
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Nonadecane, 9-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.821	2.30 ng	63320	Perylene-d12	15.545

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonadecane, 9-methyl-	282	C20H42	013287-24-6	90
2			Heptadecane, 9-octyl-	352	C25H52	007225-64-1	86
3			Octacosane	394	C28H58	000630-02-4	86
4			Tetracosane, 11-decyl-	479	C34H70	055429-84-0	86
5			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070523\
Data File : BF134086.D
Acq On : 06 Jul 2023 02:14
Operator : CG\JU
Sample : 03473-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CMC-EME-TOPSOIL-013

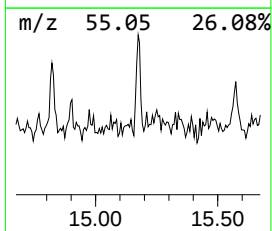
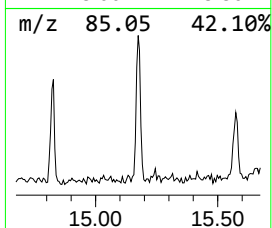
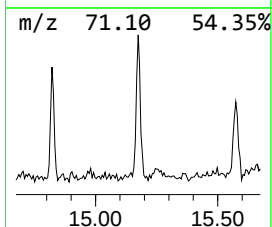
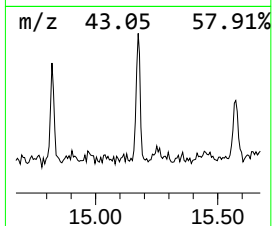
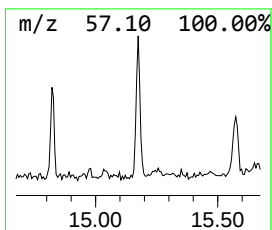
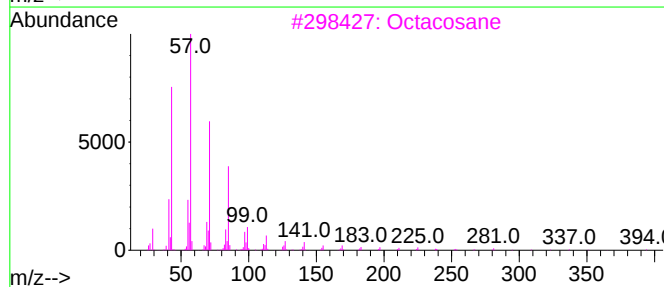
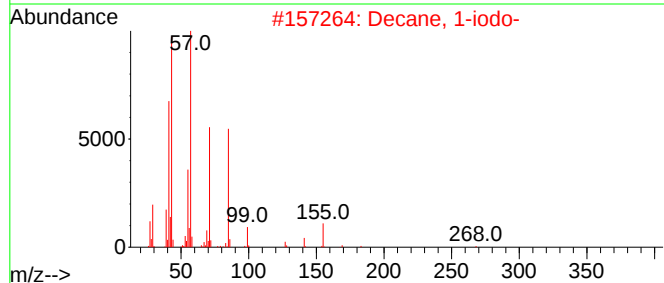
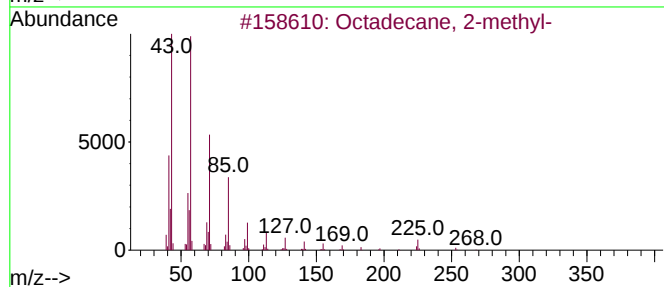
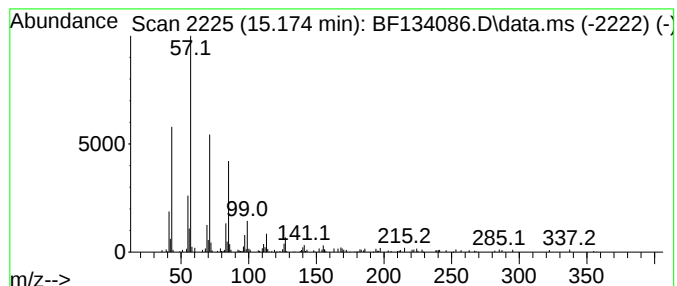
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Octadecane, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.174	3.84 ng	105733	Perylene-d12	15.545

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecane, 2-methyl-	268	C19H40	001560-88-9	90
2			Decane, 1-iodo-	268	C10H21I	002050-77-3	83
3			Octacosane	394	C28H58	000630-02-4	83
4			Tridecane, 1-iodo-	310	C13H27I	035599-77-0	83
5			Hexacosane	366	C26H54	000630-01-3	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070523\
Data File : BF134086.D
Acq On : 06 Jul 2023 02:14
Operator : CG\JU
Sample : 03473-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CMC-EME-TOPSOIL-013

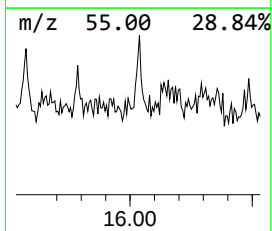
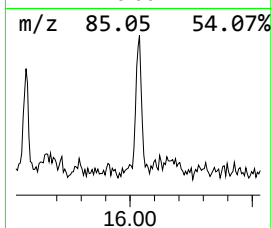
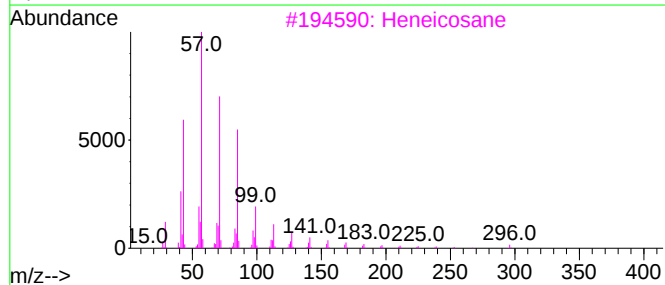
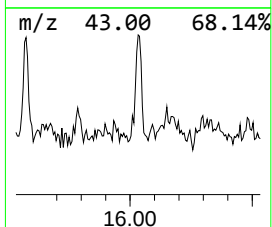
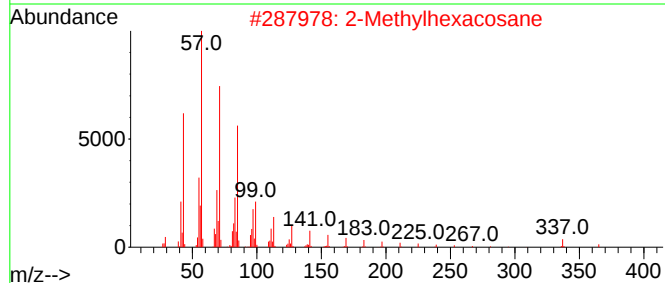
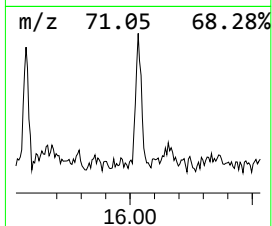
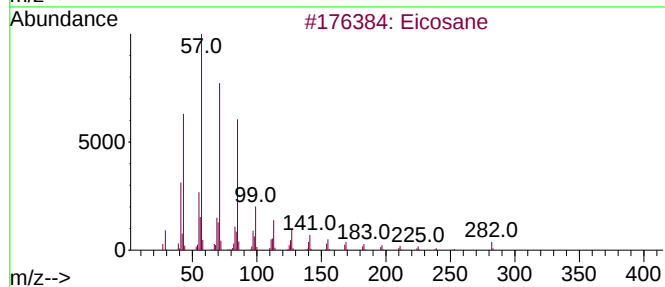
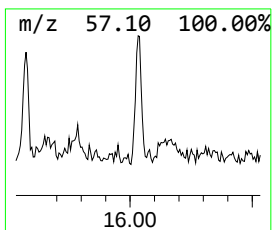
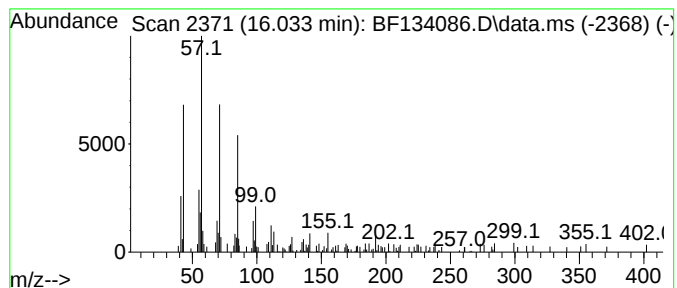
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Eicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.033	2.61 ng	71890	Perylene-d12	15.545

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Eicosane	282	C20H42	000112-95-8	91
2			2-Methylhexacosane	380	C27H56	001561-02-0	68
3			Heneicosane	296	C21H44	000629-94-7	68
4			Eicosane, 1-iodo-	408	C20H41I	1000406-31-8	68
5			Octacosane, 2-methyl-	408	C29H60	001560-98-1	68



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070523\
Data File : BF134086.D
Acq On : 06 Jul 2023 02:14
Operator : CG\JU
Sample : 03473-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CMC-EME-TOPSOIL-013

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
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2-Pentanone, 4-...	5.092	4.5	ng	172996	1	6.845	770636	20.0
Benzophenone	10.598	4.4	ng	208517	3	9.880	944554	20.0
17-Pentatriacon...	13.886	31.6	ng	1089030	5	14.039	689305	20.0
Docosane	14.509	2.3	ng	80165	5	14.039	689305	20.0
Nonadecane, 9-m...	14.821	2.3	ng	63320	6	15.545	550068	20.0
Octadecane, 2-m...	15.174	3.8	ng	105733	6	15.545	550068	20.0
Eicosane	16.033	2.6	ng	71890	6	15.545	550068	20.0