

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070523\
 Data File : BF134079.D
 Acq On : 05 Jul 2023 22:09
 Operator : CG\JU
 Sample : 03473-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CMC-EME-TOPSOIL-005

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: BF134079.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.163	7	13	21	rVB	1338265	1764014	66.76%	7.831%
2	2.275	28	32	39	rVB2	36595	54134	2.05%	0.240%
3	5.098	508	512	520	rVB	117465	145862	5.52%	0.647%
4	5.487	574	578	595	rBV	2483764	2569202	97.23%	11.405%
5	6.486	743	748	751	rBV	2494004	2533224	95.87%	11.245%
6	6.845	806	809	818	rBV	968538	773968	29.29%	3.436%
7	7.410	900	905	908	rBV	1871278	1632593	61.78%	7.247%
8	7.904	985	989	1000	rBV	36365	70400	2.66%	0.313%
9	8.128	1023	1027	1030	rBV	1097795	951116	35.99%	4.222%
10	9.204	1206	1210	1213	rBV	3299836	2642471	100.00%	11.730%
11	9.880	1322	1325	1329	rBV	1042464	975236	36.91%	4.329%
12	10.598	1444	1447	1452	rBV	255379	207506	7.85%	0.921%
13	10.674	1456	1460	1469	rVV	1436997	1348860	51.05%	5.988%
14	11.380	1576	1580	1583	rBV	882808	841749	31.85%	3.737%
15	11.433	1586	1589	1592	rVB	44190	41631	1.58%	0.185%
16	11.904	1664	1669	1678	rVB3	109225	142190	5.38%	0.631%
17	12.598	1784	1787	1790	rBV	35764	44129	1.67%	0.196%
18	12.698	1798	1804	1817	rVB	274419	423998	16.05%	1.882%
19	12.974	1847	1851	1856	rBV	2099873	1828154	69.18%	8.115%
20	13.204	1887	1890	1894	rBV	86057	81129	3.07%	0.360%
21	13.386	1917	1921	1923	rBV3	32835	39830	1.51%	0.177%
22	13.551	1944	1949	1953	rBV	116701	123146	4.66%	0.547%
23	13.633	1960	1963	1966	rBV3	39506	34868	1.32%	0.155%
24	13.886	2002	2006	2016	rBV4	192636	373676	14.14%	1.659%
25	13.962	2016	2019	2024	rBV	130127	155835	5.90%	0.692%
26	14.039	2028	2032	2035	rVB	745218	648622	24.55%	2.879%
27	14.198	2056	2059	2063	rBV	155722	154383	5.84%	0.685%
28	14.509	2108	2112	2115	rBV	210249	196192	7.42%	0.871%
29	14.627	2129	2132	2137	rBV3	57675	60133	2.28%	0.267%
30	14.827	2162	2166	2170	rVB	153401	169700	6.42%	0.753%
31	14.898	2175	2178	2183	rVB	75831	91471	3.46%	0.406%
32	15.174	2222	2225	2230	rVB	217983	244926	9.27%	1.087%
33	15.545	2283	2288	2291	rBV	404084	530805	20.09%	2.356%
34	15.574	2291	2293	2298	rVB	114724	137634	5.21%	0.611%
35	16.039	2368	2372	2377	rVB	107807	164338	6.22%	0.730%
36	16.492	2446	2449	2453	rVB5	58675	82393	3.12%	0.366%

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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

37	17.750	2659	2663	2676	rVB5	76042	247782	9.38%	1.100%
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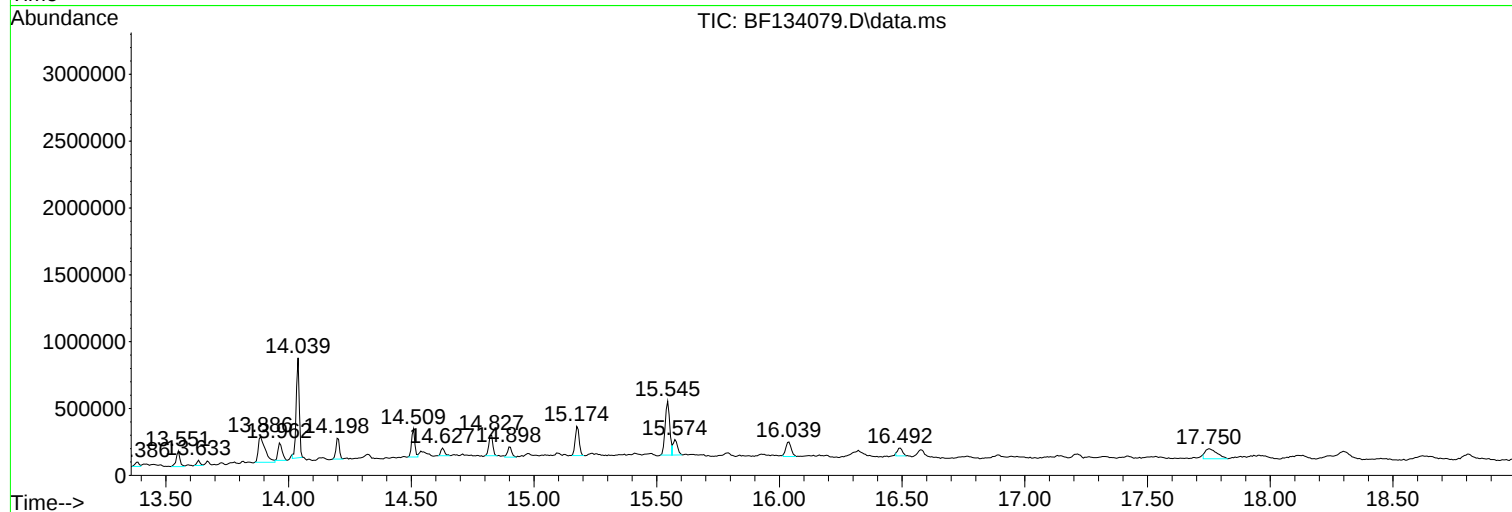
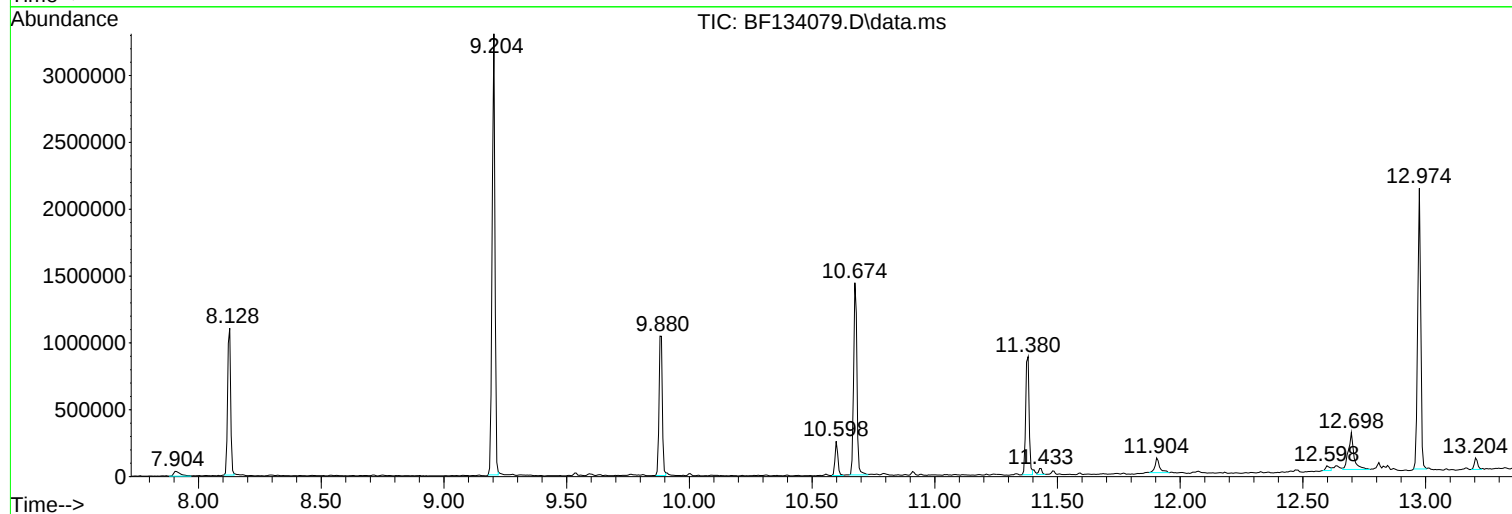
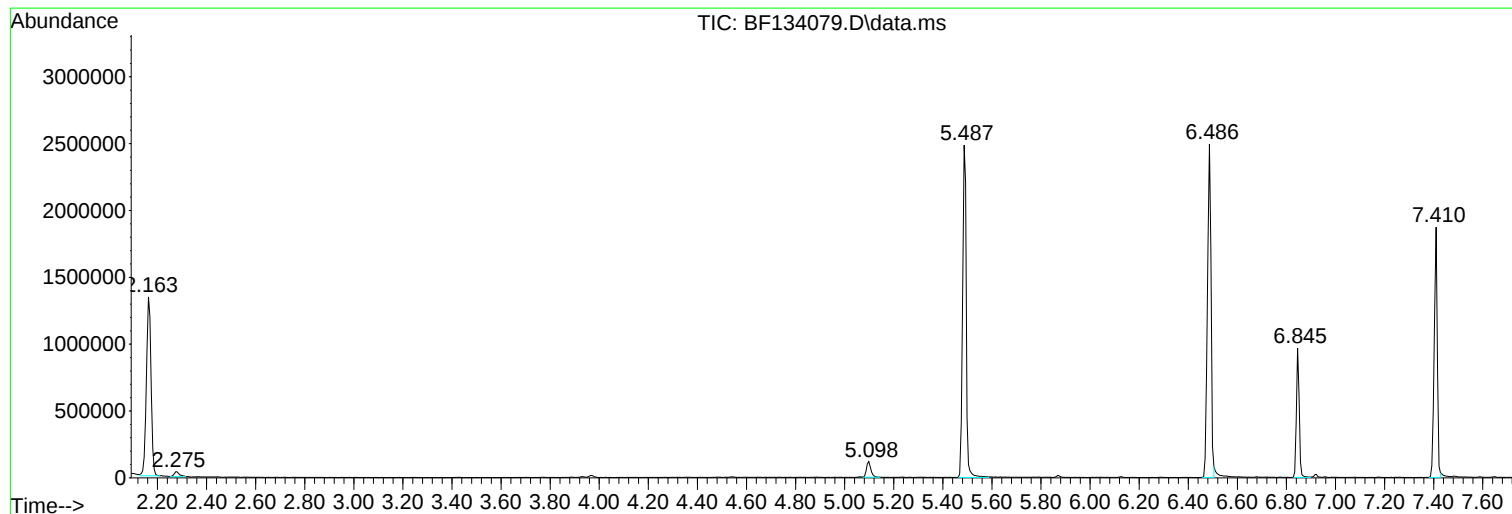
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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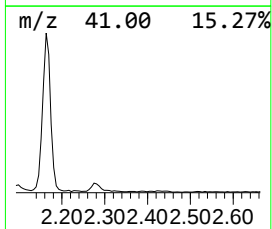
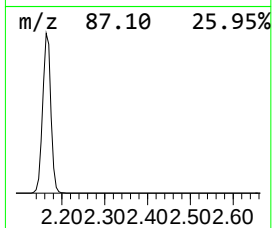
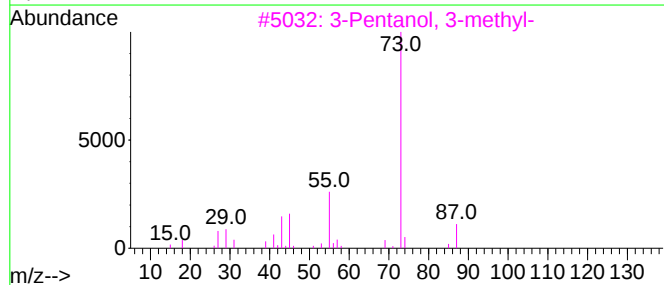
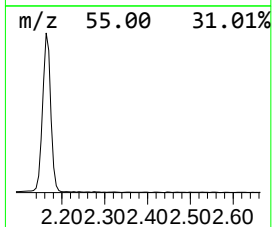
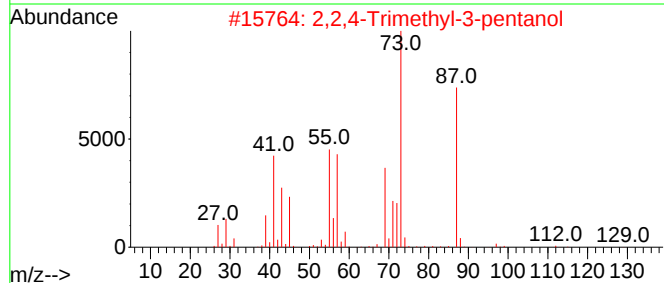
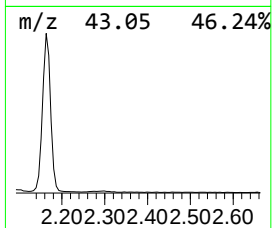
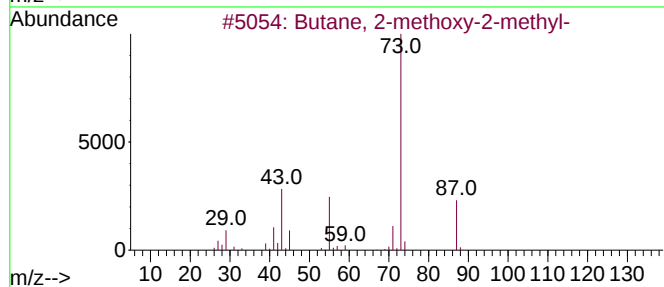
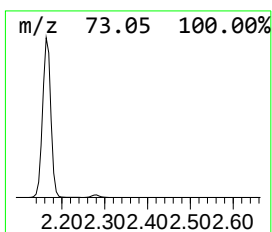
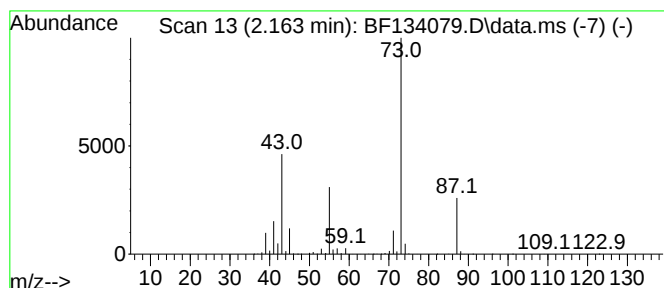
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.163	45.58 ng	1764010	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	40
3			3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	38
4			Silane, tetramethyl-	88	C4H12Si	000075-76-3	38
5			1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23



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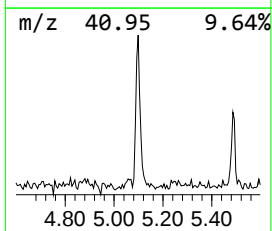
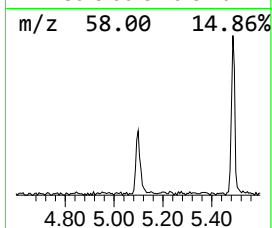
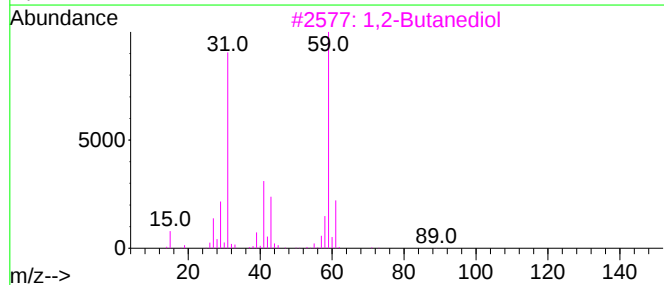
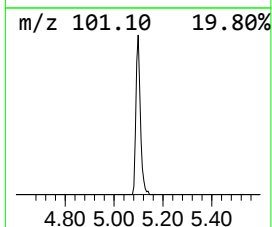
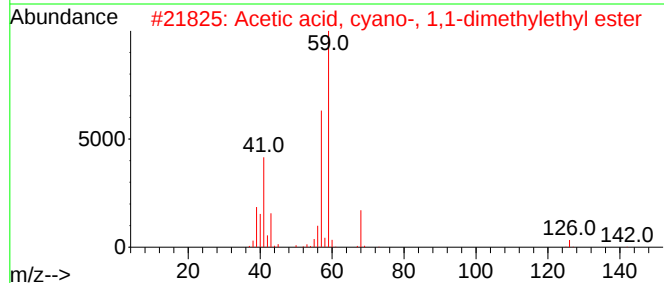
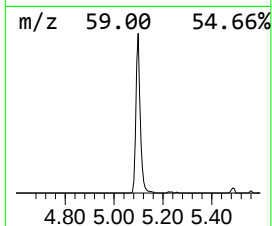
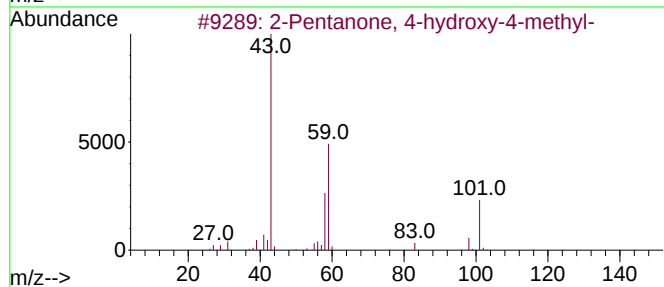
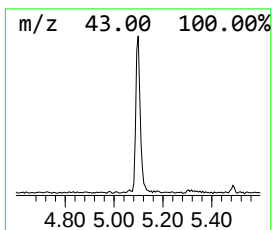
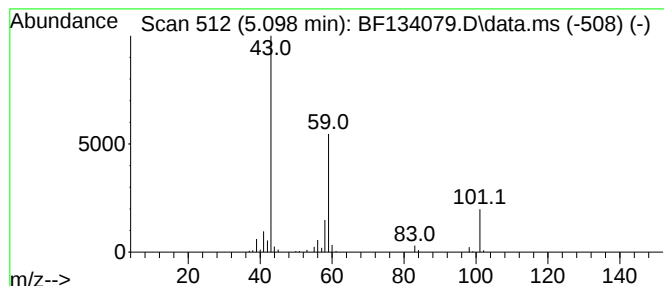
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TIC Integration Parameters: LSCINT.P

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.098	3.77 ng	145862	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			1,2-Butanediol	90	C4H10O2	000584-03-2	25
4			2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	23
5			1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10



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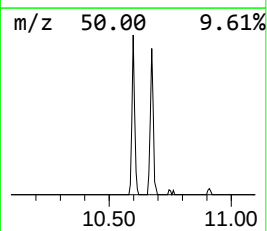
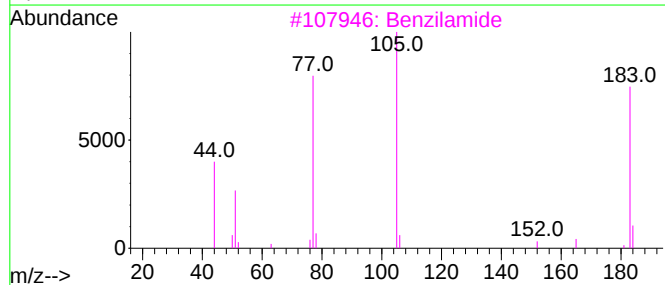
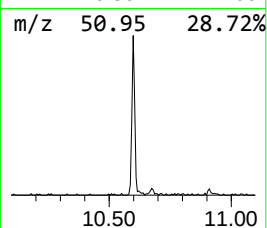
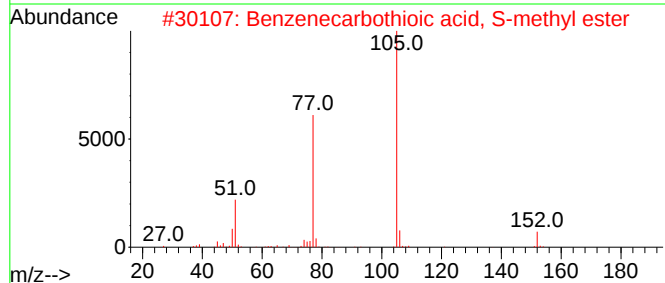
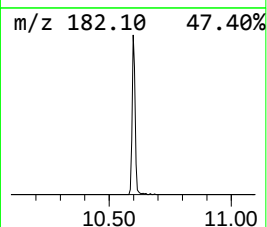
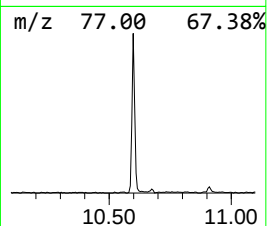
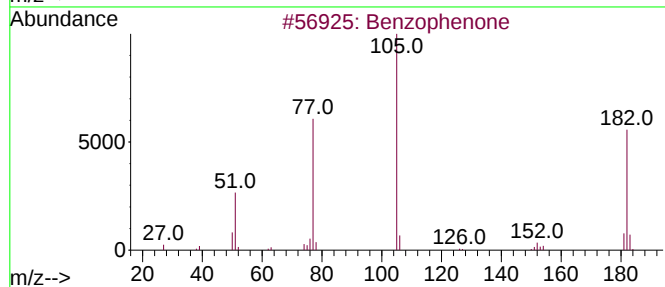
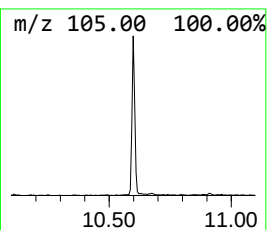
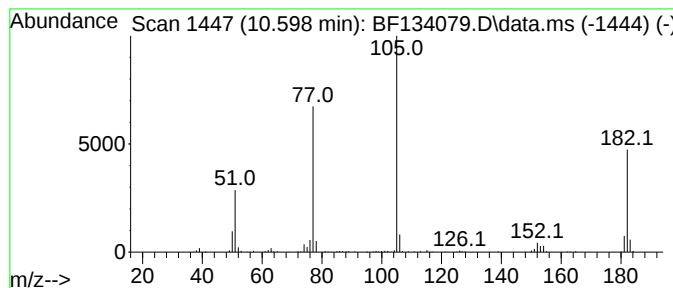
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Benzophenone Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.598	4.26 ng	207506	Acenaphthene-d10	9.886

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	64
3			Benzilamide	227	C14H13NO2	004746-87-6	53
4			Acetophenone, 2-chloro-	154	C8H7ClO	000532-27-4	52
5			Benzenepropanenitrile, .beta.-oxo-	145	C9H7NO	000614-16-4	50



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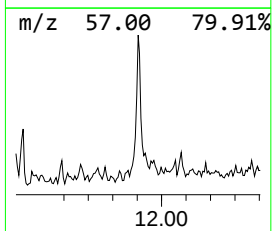
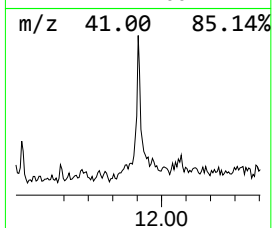
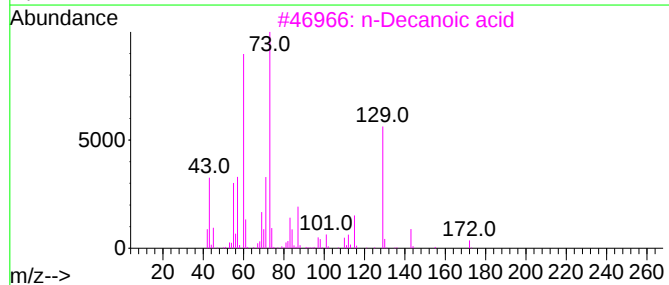
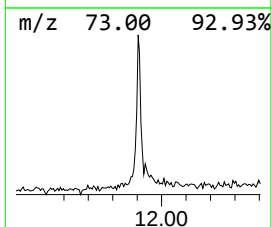
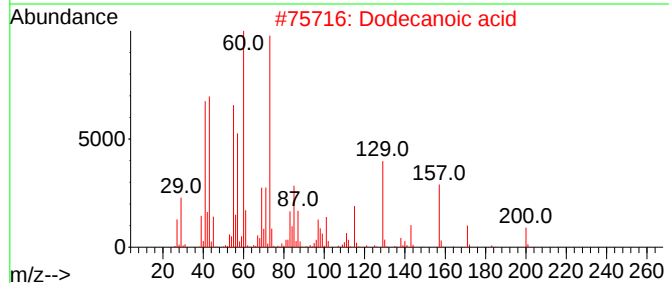
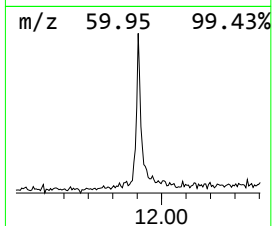
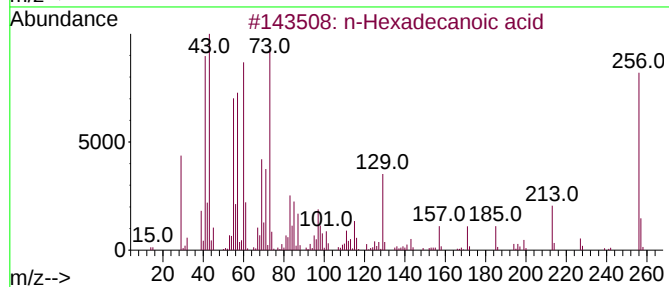
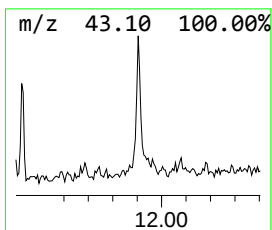
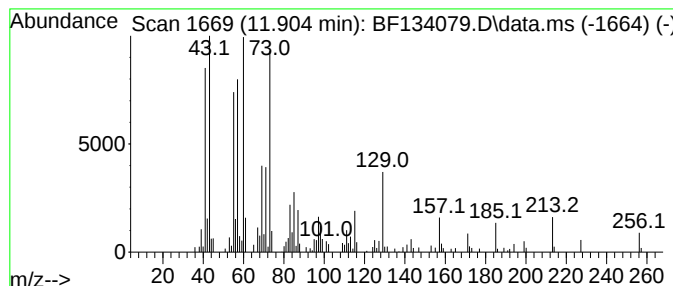
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TIC Library : C:\Database\NIST20.L
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Peak Number 4 n-Hexadecanoic acid Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.904	3.38 ng	142190	Phenanthrene-d10	11.380

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
2			Dodecanoic acid	200	C12H24O2	000143-07-7	89
3			n-Decanoic acid	172	C10H20O2	000334-48-5	89
4			Pentadecanoic acid	242	C15H30O2	001002-84-2	87
5			Tetradecanoic acid	228	C14H28O2	000544-63-8	83



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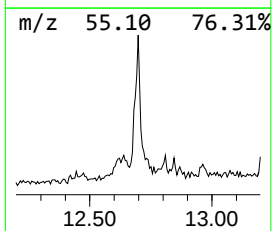
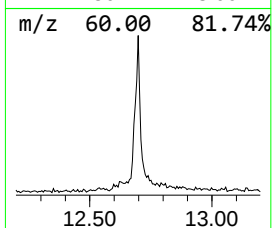
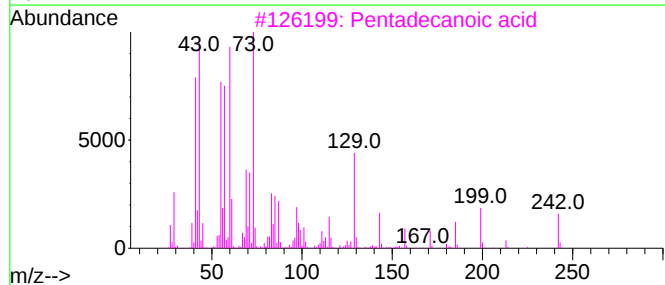
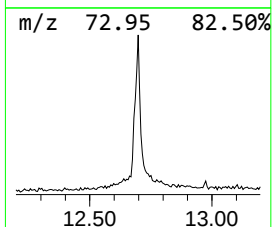
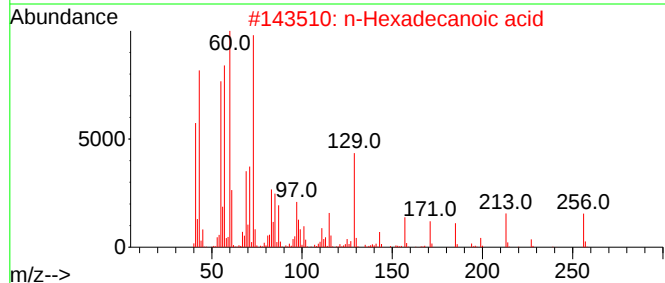
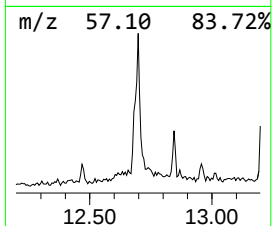
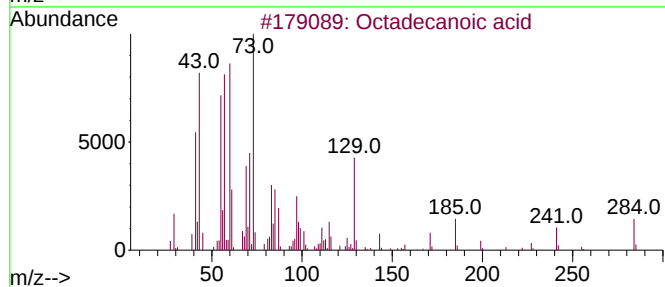
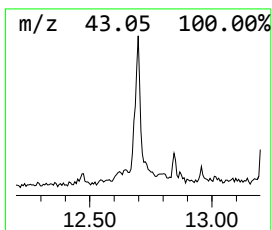
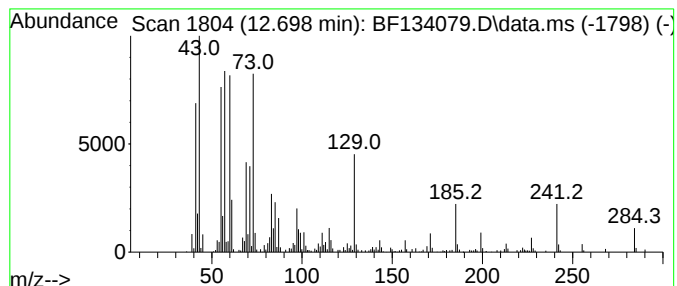
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.698	10.07 ng	423998	Phenanthrene-d10	11.380

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	99
2			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	78
4			Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	74
5			Tetradecanoic acid	228	C14H28O2	000544-63-8	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070523\
Data File : BF134079.D
Acq On : 05 Jul 2023 22:09
Operator : CG\JU
Sample : 03473-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
CMC-EME-TOPSOIL-005

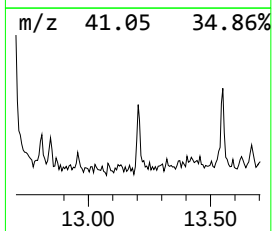
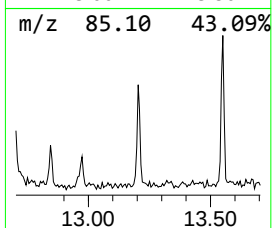
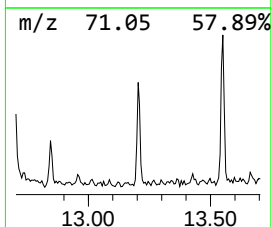
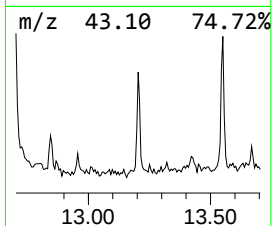
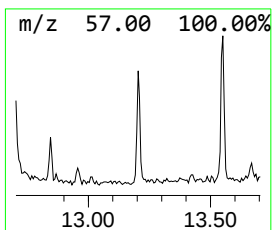
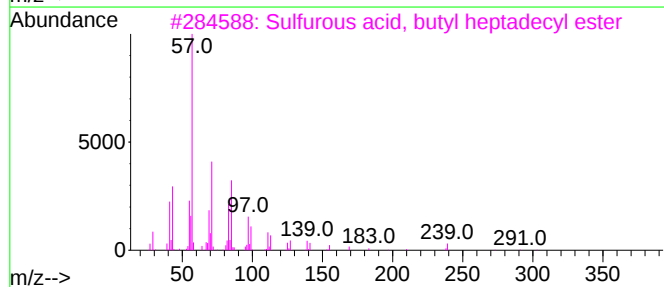
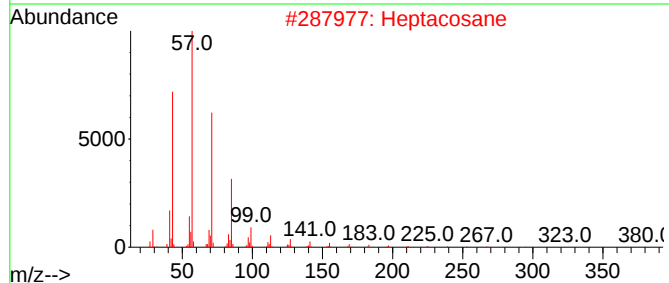
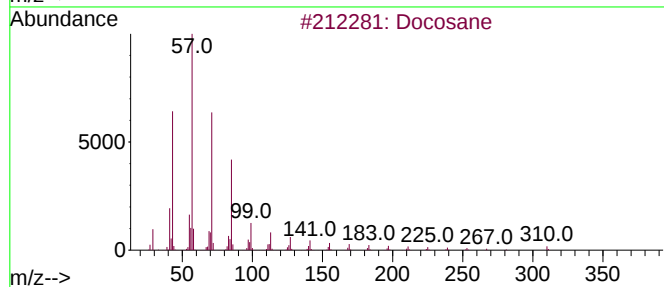
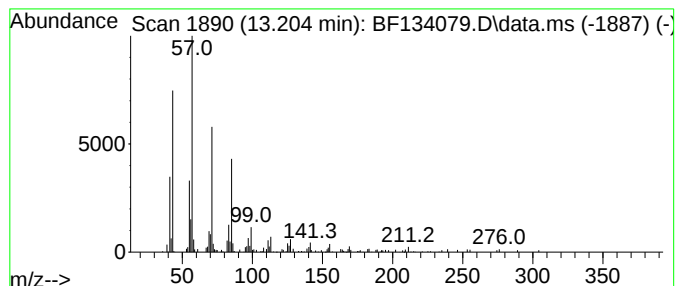
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Docosane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.204	2.50 ng	81129	Chrysene-d12	14.039

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Docosane	310	C22H46	000629-97-0	87
2			Heptacosane	380	C27H56	000593-49-7	87
3			Sulfurous acid, butyl heptadecyl...	376	C21H44O3S	1000309-18-4	86
4			Sulfurous acid, butyl tetradecyl...	334	C18H38O3S	1010309-18-1	86
5			Octacosane	394	C28H58	000630-02-4	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070523\
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ClientSampleId :
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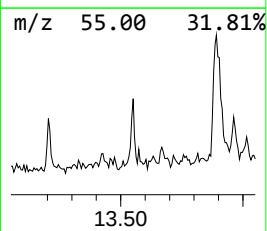
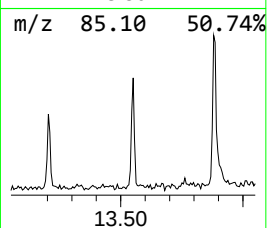
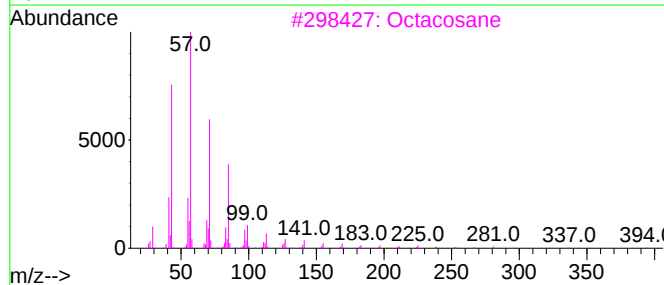
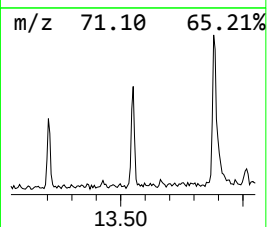
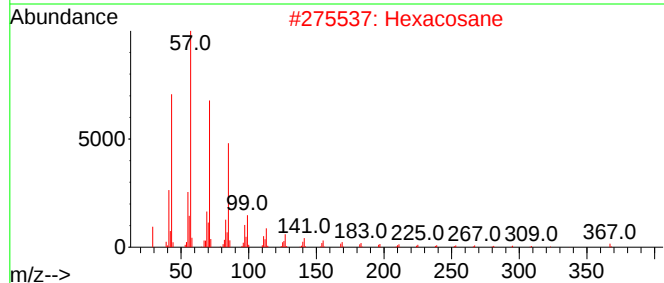
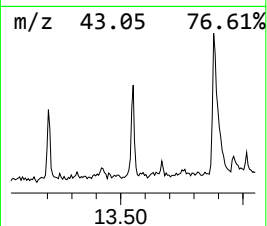
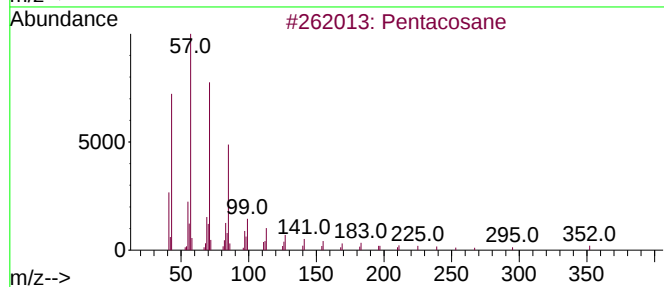
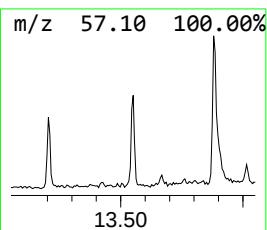
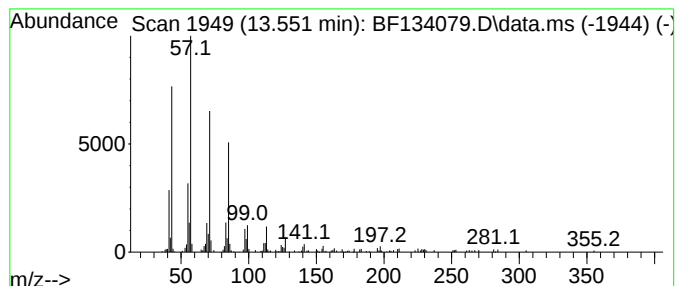
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Pentacosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.551	3.80 ng	123146	Chrysene-d12	14.039

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentacosane	352	C25H52	000629-99-2	91
2			Hexacosane	366	C26H54	000630-01-3	90
3			Octacosane	394	C28H58	000630-02-4	90
4			Tetracosane	338	C24H50	000646-31-1	90
5			Eicosane, 9-octyl-	394	C28H58	013475-77-9	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070523\
Data File : BF134079.D
Acq On : 05 Jul 2023 22:09
Operator : CG\JU
Sample : 03473-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
CMC-EME-TOPSOIL-005

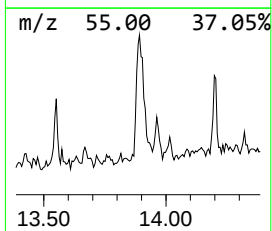
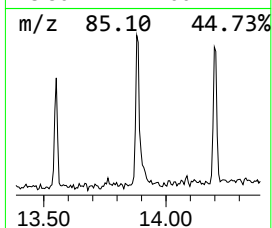
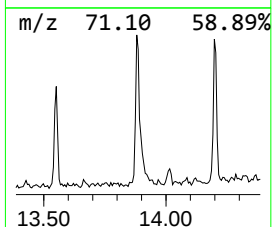
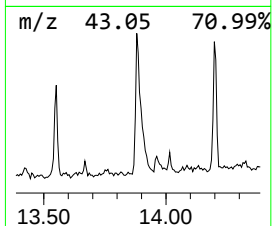
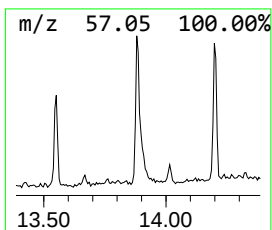
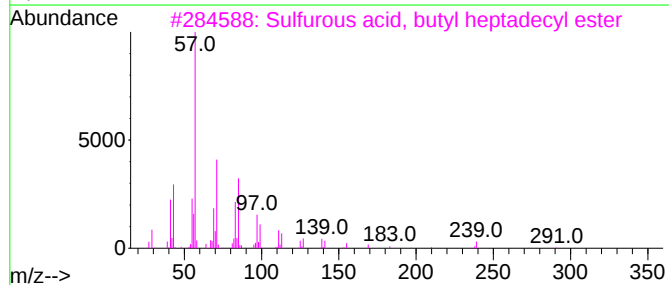
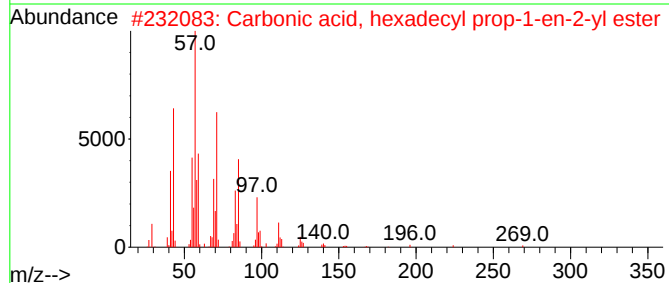
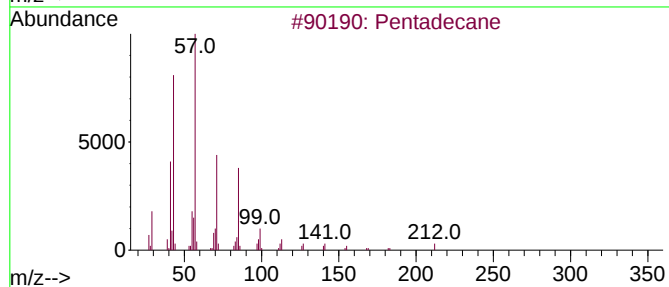
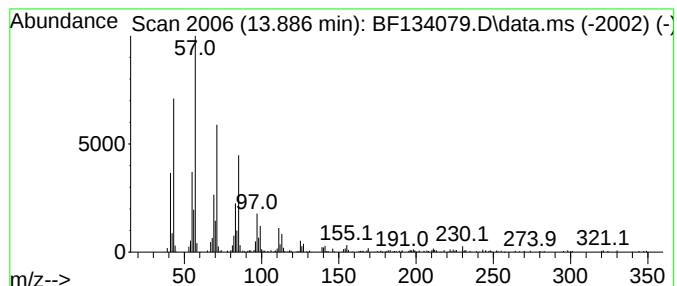
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Pentadecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.886	11.52 ng	373676	Chrysene-d12	14.039

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane	212	C15H32	000629-62-9	94
2			Carbonic acid, hexadecyl prop-1-...	326	C20H38O3	1000382-90-3	91
3			Sulfurous acid, butyl heptadecyl...	376	C21H44O3S	1000309-18-4	91
4			Sulfurous acid, 2-propyl tridecy...	306	C16H34O3S	1000309-12-4	91
5			Cetene	224	C16H32	000629-73-2	89



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070523\
Data File : BF134079.D
Acq On : 05 Jul 2023 22:09
Operator : CG\JU
Sample : 03473-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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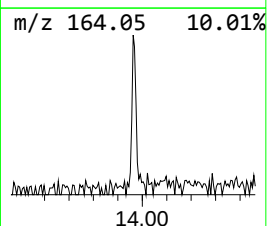
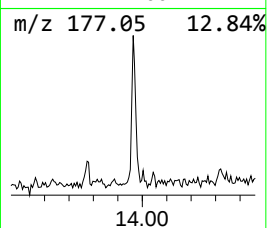
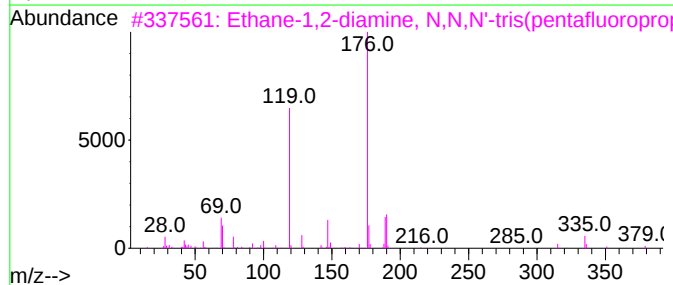
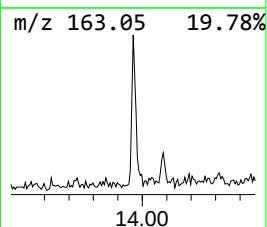
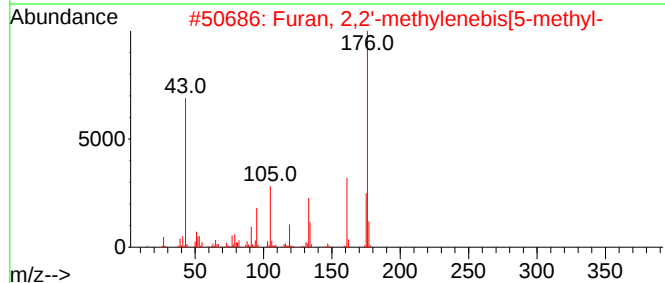
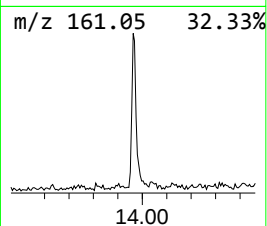
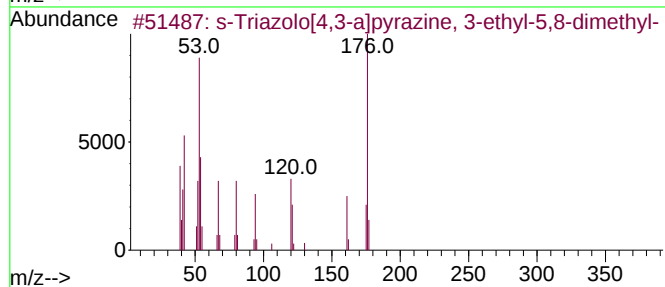
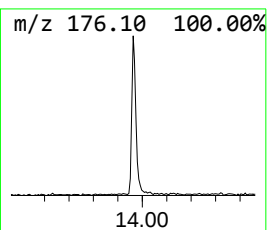
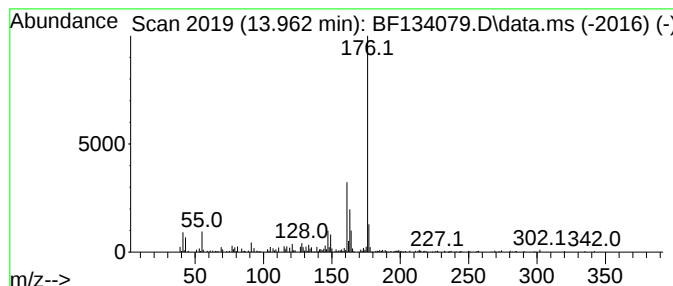
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 s-Triazolo[4,3-a]pyrazine, ... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.962	4.81 ng	155835	Chrysene-d12	14.039

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			s-Triazolo[4,3-a]pyrazine, 3-eth...	176	C9H12N4	019848-81-8	58
2			Furan, 2,2'-methylenebis[5-methyl-	176	C11H12O2	013679-43-1	53
3			Ethane-1,2-diamine, N,N,N'-tris(...	498	C11H5F15N2O3	1000417-70-7	47
4			2,4(1H,3H)-Quinazolinone, 3-m...	176	C9H8N2O2	000607-19-2	47
5			Spiro[1,3-dioxolane-2,1'-[1H]ind...	176	C11H12O2	000172-13-4	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070523\
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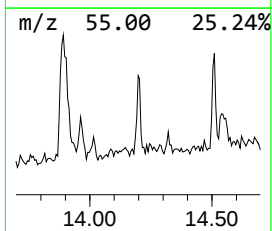
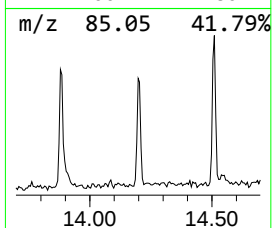
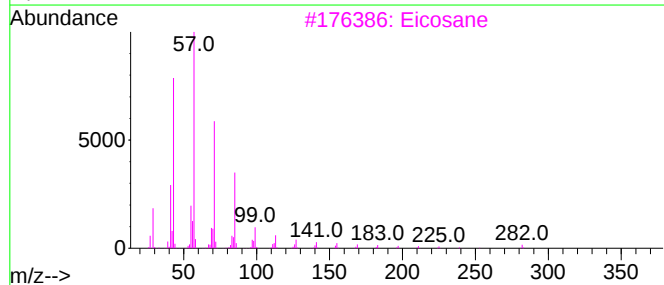
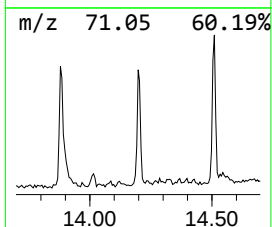
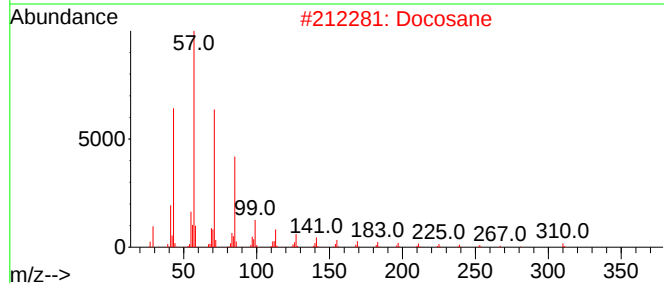
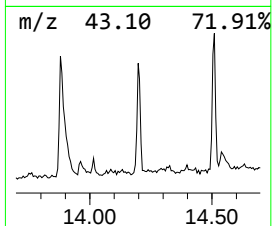
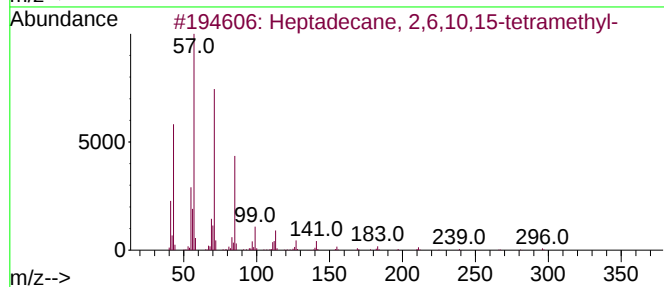
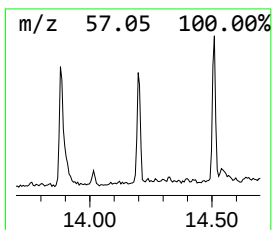
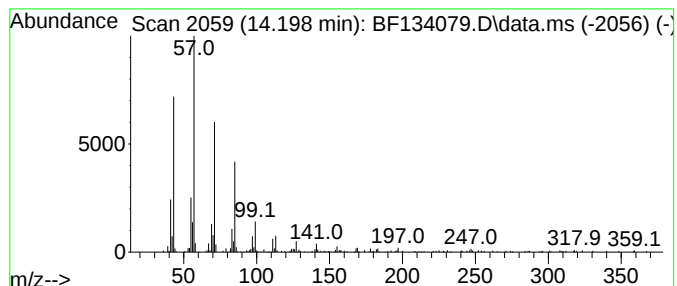
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Heptadecane, 2,6,10,15-tetr... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.198	4.76 ng	154383	Chrysene-d12	14.039	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	95
2	Docosane	310	C22H46	000629-97-0	94
3	Eicosane	282	C20H42	000112-95-8	91
4	Heptacosane	380	C27H56	000593-49-7	91
5	Octadecane	254	C18H38	000593-45-3	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070523\
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CMC-EME-TOPSOIL-005

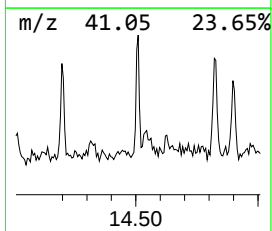
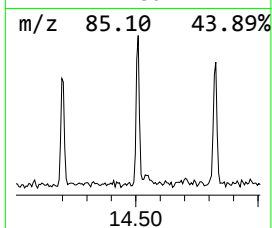
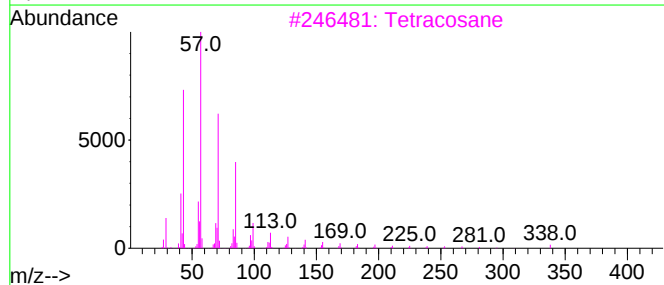
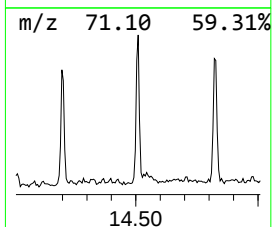
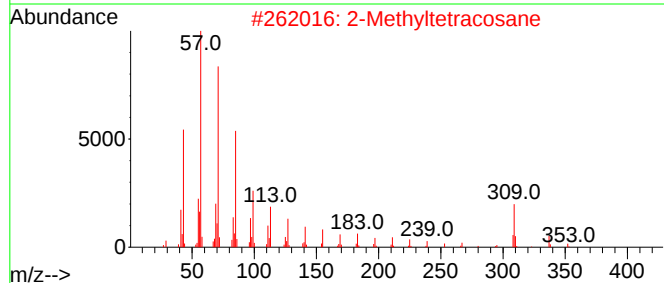
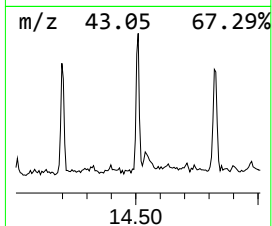
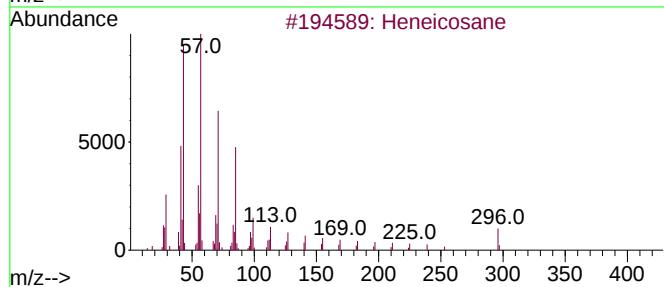
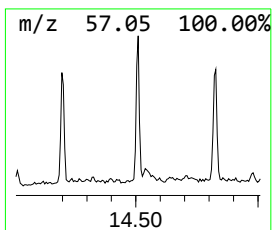
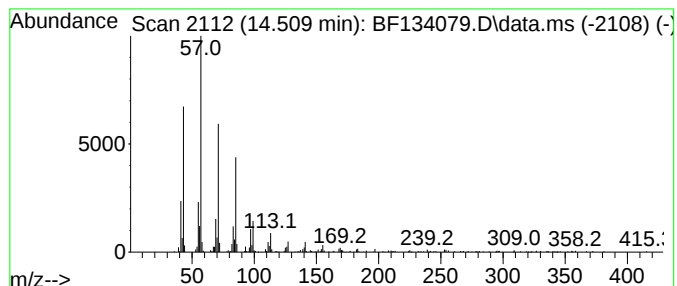
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Heneicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.509	6.05 ng	196192	Chrysene-d12	14.039

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heneicosane	296	C21H44	000629-94-7	94
2			2-Methyltetracosane	352	C25H52	001560-78-7	91
3			Tetracosane	338	C24H50	000646-31-1	91
4			Nonadecane	268	C19H40	000629-92-5	90
5			Eicosane	282	C20H42	000112-95-8	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070523\
Data File : BF134079.D
Acq On : 05 Jul 2023 22:09
Operator : CG\JU
Sample : 03473-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
CMC-EME-TOPSOIL-005

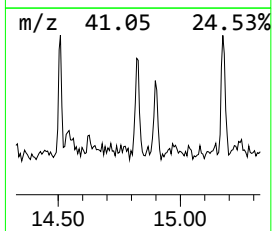
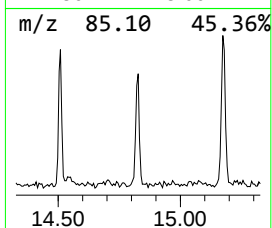
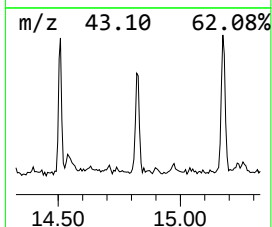
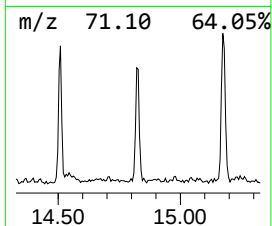
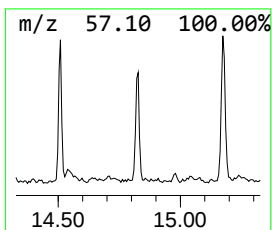
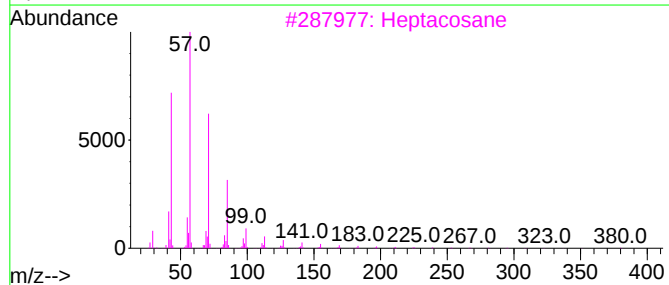
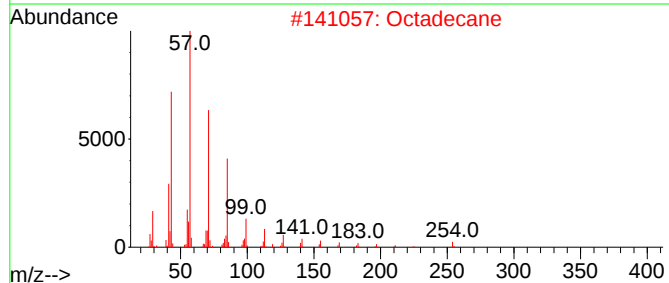
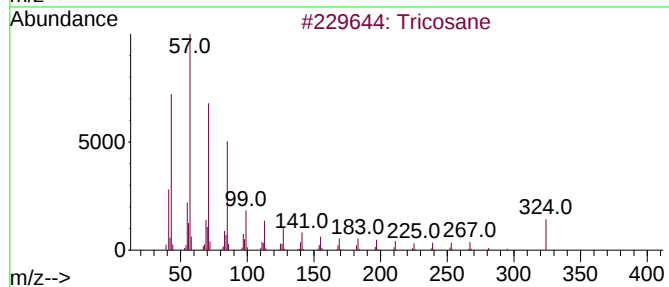
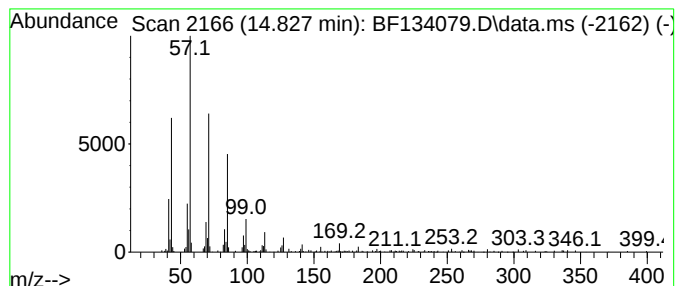
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Tricosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.827	6.39 ng	169700	Perylene-d12	15.545

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tricosane	324	C23H48	000638-67-5	93
2			Octadecane	254	C18H38	000593-45-3	87
3			Heptacosane	380	C27H56	000593-49-7	87
4			Docosane, 1-iodo-	436	C22H45I	1000406-31-9	87
5			Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070523\
Data File : BF134079.D
Acq On : 05 Jul 2023 22:09
Operator : CG\JU
Sample : 03473-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CMC-EME-TOPSOIL-005

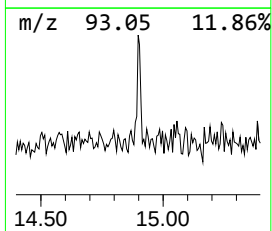
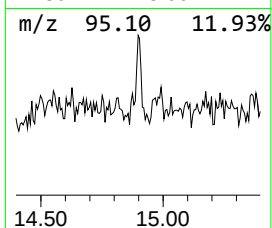
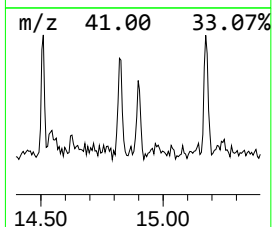
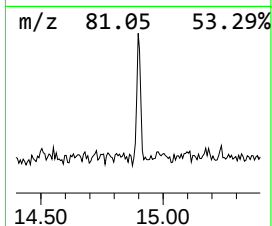
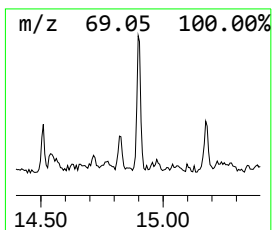
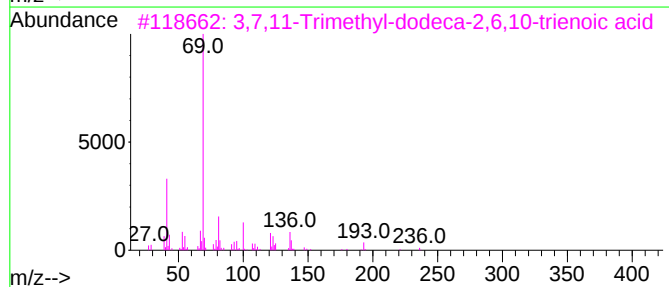
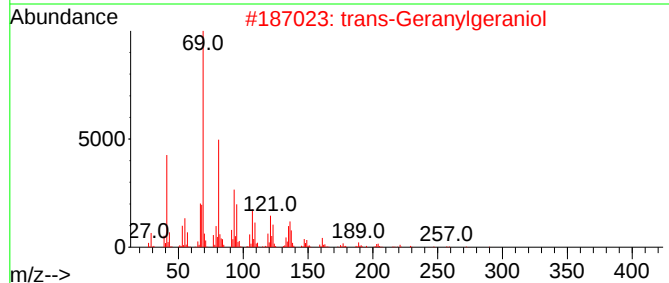
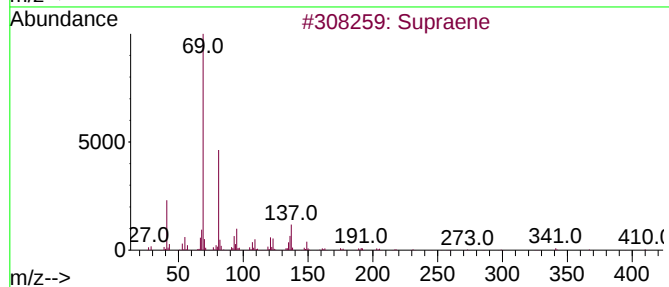
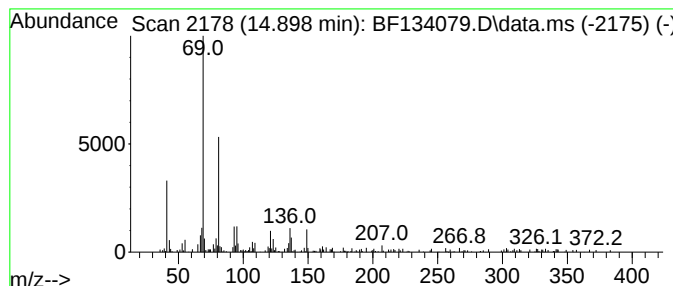
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Supraene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.898	3.45 ng	91471	Perylene-d12	15.545

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Supraene	410	C30H50	007683-64-9	80
2			trans-Geranylgeraniol	290	C20H34O	024034-73-9	64
3			3,7,11-Trimethyl-dodeca-2,6,10-t...	236	C15H24O2	007548-13-2	59
4			7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	58
5			2,6,10,14-Hexadecatetraenoic aci...	332	C22H36O2	024035-35-6	56



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070523\
Data File : BF134079.D
Acq On : 05 Jul 2023 22:09
Operator : CG\JU
Sample : 03473-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

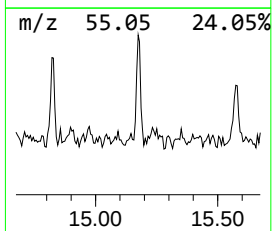
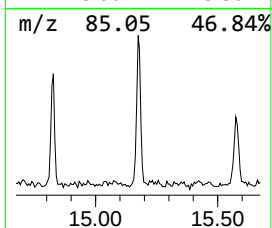
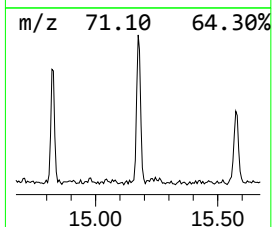
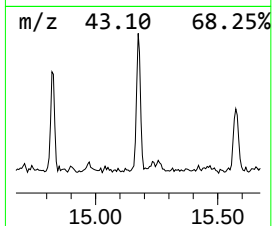
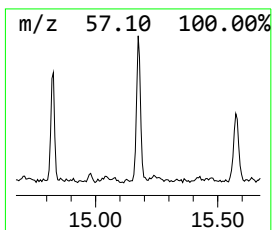
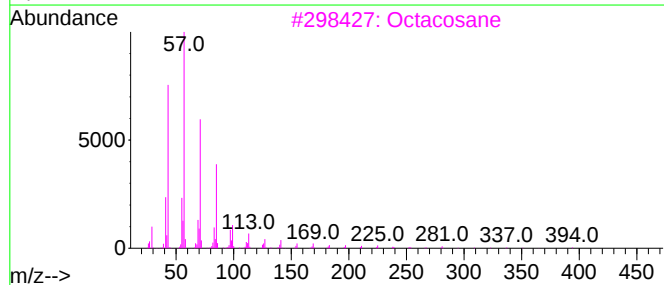
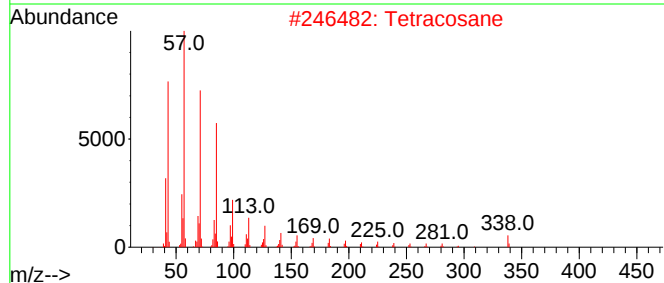
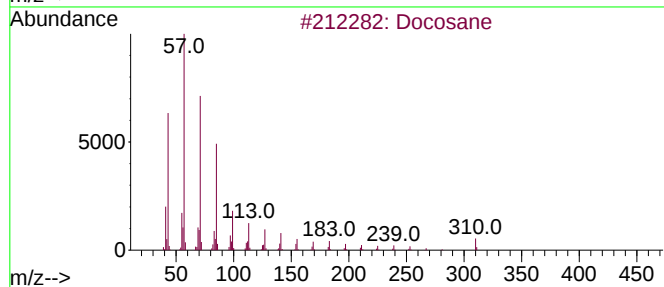
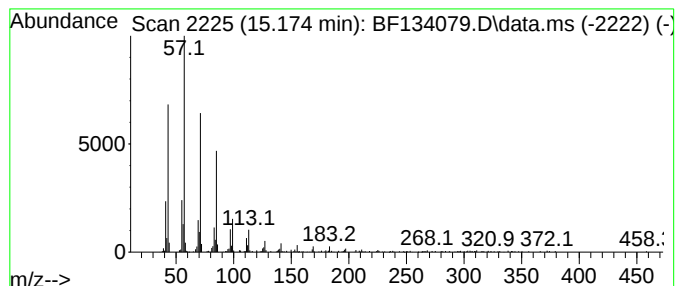
Instrument :
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ClientSampleId :
CMC-EME-TOPSOIL-005

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

Peak Number 14 Tetracosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.174	9.23 ng	244926	Perylene-d12	15.545	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane	310	C22H46	000629-97-0	97
2	Tetracosane	338	C24H50	000646-31-1	96
3	Octacosane	394	C28H58	000630-02-4	91
4	Nonadecane	268	C19H40	000629-92-5	91
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070523\
Data File : BF134079.D
Acq On : 05 Jul 2023 22:09
Operator : CG\JU
Sample : 03473-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CMC-EME-TOPSOIL-005

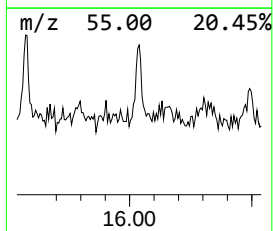
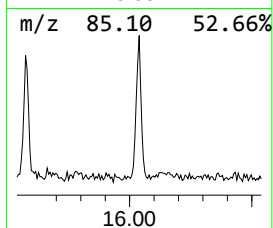
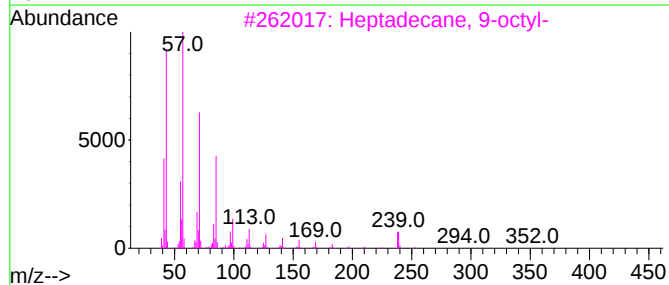
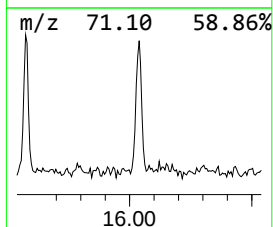
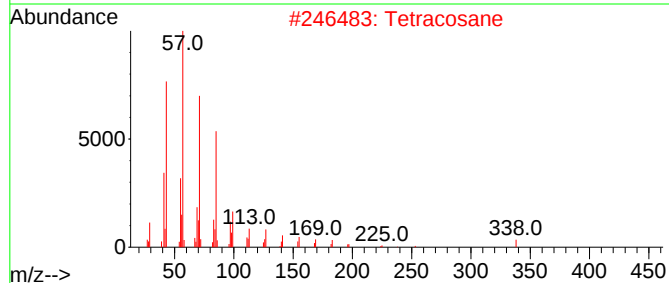
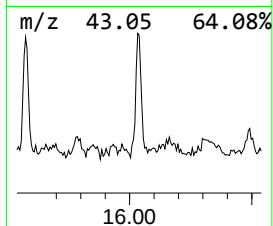
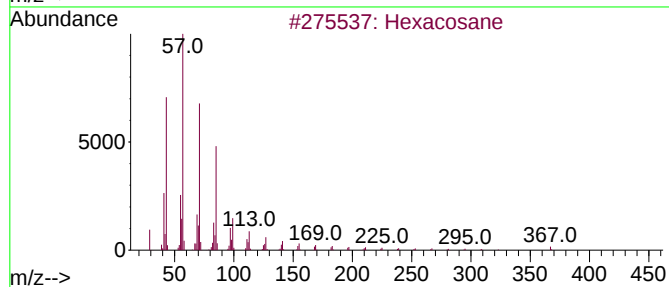
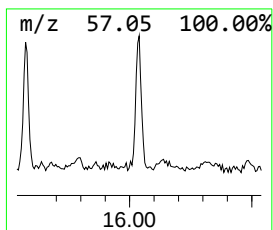
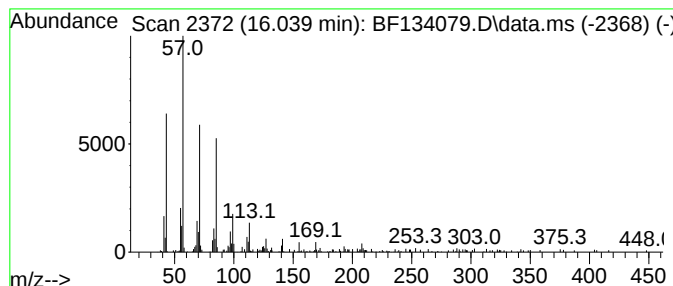
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Hexacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.039	6.19 ng	164338	Perylene-d12	15.545

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexacosane	366	C26H54	000630-01-3	90
2		Tetracosane	338	C24H50	000646-31-1	90
3		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87
4		Tricosane	324	C23H48	000638-67-5	87
5		Heneicosane	296	C21H44	000629-94-7	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070523\
Data File : BF134079.D
Acq On : 05 Jul 2023 22:09
Operator : CG\JU
Sample : 03473-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

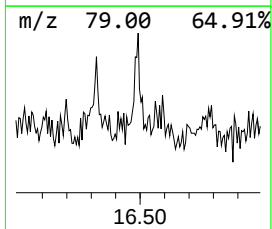
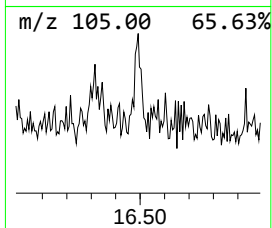
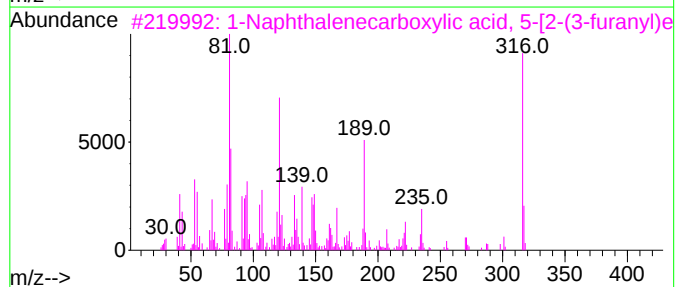
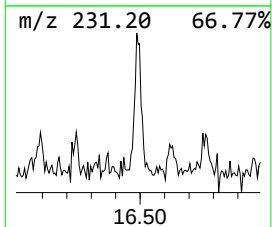
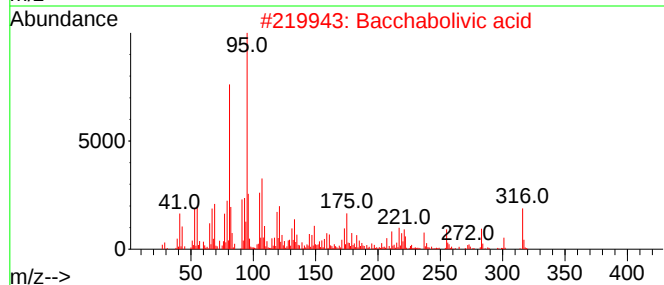
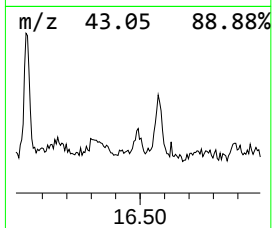
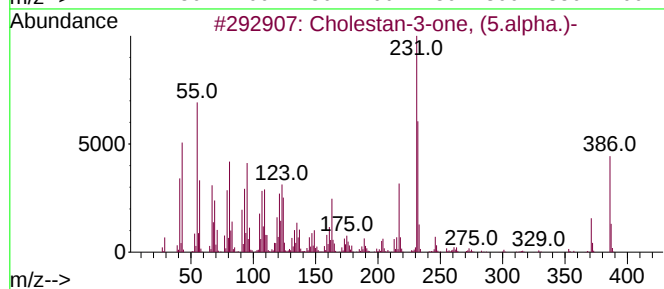
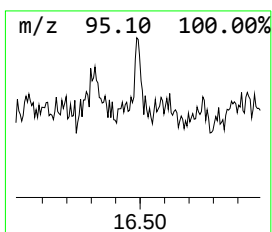
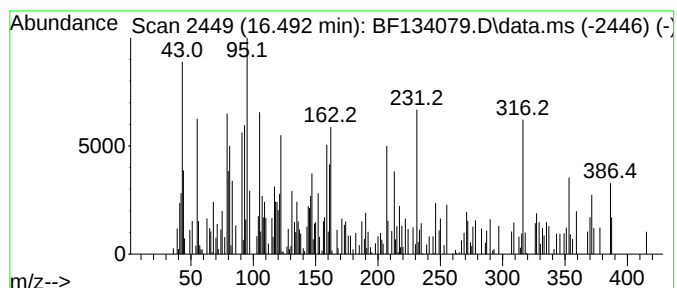
Instrument :
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ClientSampleId :
CMC-EME-TOPSOIL-005

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

Peak Number 16 Cholestan-3-one, (5.alpha.)- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.492	3.10 ng	82393	Perylene-d12	15.545	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cholestan-3-one, (5.alpha.)-	386	C27H46O	000566-88-1	56
2	Bacchabolivic acid	316	C20H28O3	120837-97-0	35
3	1-Naphthalenecarboxylic acid, 5-...	316	C20H28O3	001235-77-4	25
4	2-(Pentadec-14-en-1-yl)furan	276	C19H32O	1000465-69-5	20
5	Borneol, methyl(methoxy)silyl ether	228	C12H24O2Si	1000278-56-1	20



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070523\
Data File : BF134079.D
Acq On : 05 Jul 2023 22:09
Operator : CG\JU
Sample : 03473-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CMC-EME-TOPSOIL-005

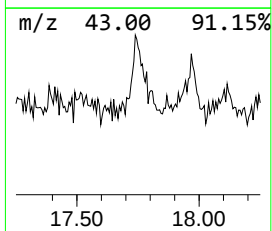
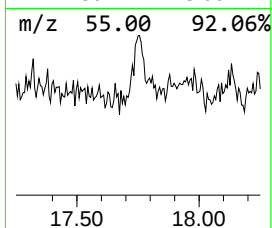
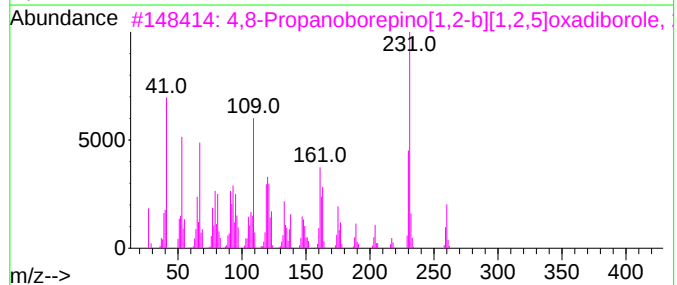
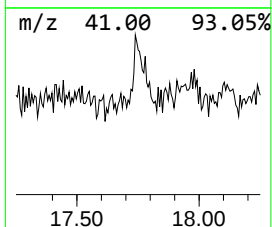
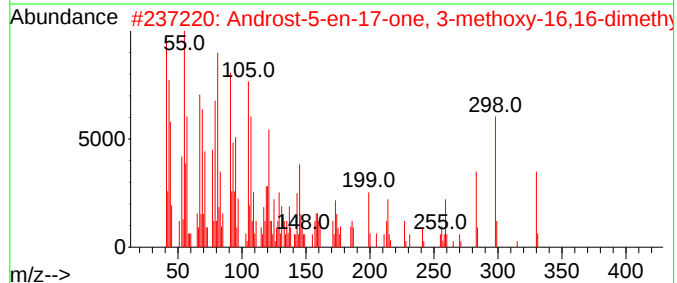
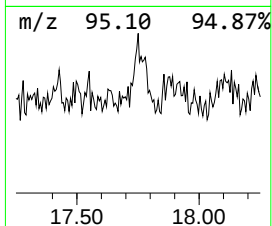
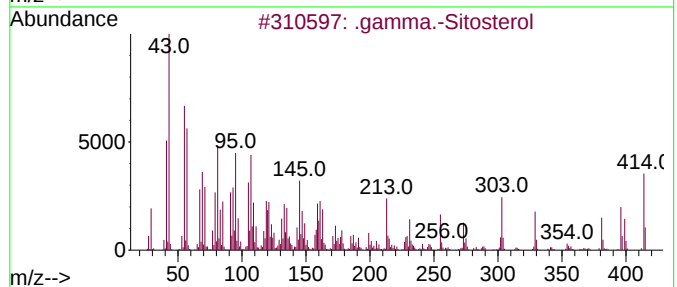
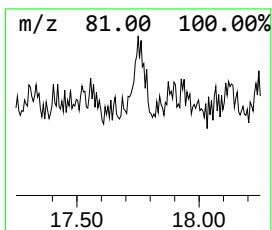
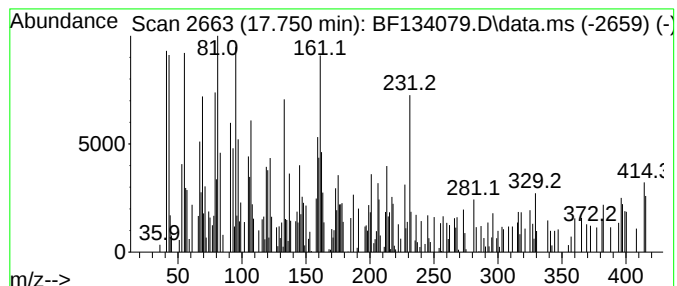
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 unknown17.750 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.750	9.34 ng	247782	Perylene-d12	15.545

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.	gamma.-Sitosterol	414	C29H50O	000083-47-6	42
2		Androst-5-en-17-one, 3-methoxy-1...	330	C22H34O2	055837-02-0	35
3		4,8-Propanoborepino[1,2-b][1,2,5...	260	C16H30B2O	139688-22-5	27
4		N-[Imino(2-nitrocyclohexyl)oxoim...	316	C12H20N4O6	104486-72-8	25
5	.	beta.-Sitosterol	414	C29H50O	000083-46-5	25



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070523\
 Data File : BF134079.D
 Acq On : 05 Jul 2023 22:09
 Operator : CG\JU
 Sample : 03473-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 CMC-EME-TOPSOIL-005

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
Butane, 2-metho...	2.163	45.6	ng	1764010	1	6.845	773968	20.0
2-Pentanone, 4-...	5.098	3.8	ng	145862	1	6.845	773968	20.0
Benzophenone	10.598	4.3	ng	207506	3	9.886	975236	20.0
n-Hexadecanoic ...	11.904	3.4	ng	142190	4	11.380	841749	20.0
Octadecanoic acid	12.698	10.1	ng	423998	4	11.380	841749	20.0
Docosane	13.204	2.5	ng	81129	5	14.039	648622	20.0
Pentacosane	13.551	3.8	ng	123146	5	14.039	648622	20.0
Pentadecane	13.886	11.5	ng	373676	5	14.039	648622	20.0
s-Triazolo[4,3-...	13.962	4.8	ng	155835	5	14.039	648622	20.0
Heptadecane, 2,...	14.198	4.8	ng	154383	5	14.039	648622	20.0
Heneicosane	14.509	6.0	ng	196192	5	14.039	648622	20.0
Tricosane	14.827	6.4	ng	169700	6	15.545	530805	20.0
Supraene	14.898	3.5	ng	91471	6	15.545	530805	20.0
Tetracosane	15.174	9.2	ng	244926	6	15.545	530805	20.0
Hexacosane	16.039	6.2	ng	164338	6	15.545	530805	20.0
Cholestan-3-one...	16.492	3.1	ng	82393	6	15.545	530805	20.0
unknown17.750	17.750	9.3	ng	247782	6	15.545	530805	20.0