

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081925\
 Data File : BF143448.D
 Acq On : 19 Aug 2025 11:06
 Operator : RC/JU
 Sample : Q2873-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DRILL CUTTING 1-3 COMP

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-BF081525.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF143448.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.252	3	10	22	rVB	816709	1302207	42.56%	6.230%
2	5.157	495	504	516	rVB	184865	305847	10.00%	1.463%
3	5.563	567	573	595	rBV	1880097	2532307	82.76%	12.114%
4	6.557	736	742	765	rBV	1889940	2554900	83.50%	12.222%
5	6.922	800	804	814	rBV	566601	733265	23.96%	3.508%
6	7.481	893	899	910	rBV	1307921	1706367	55.77%	8.163%
7	8.204	1017	1022	1038	rBV	731274	937949	30.65%	4.487%
8	9.280	1199	1205	1215	rBV	2340539	3059828	100.00%	14.638%
9	9.957	1315	1320	1329	rBV	819403	1032883	33.76%	4.941%
10	10.363	1384	1389	1397	rVB3	56964	97906	3.20%	0.468%
11	10.669	1434	1441	1449	rBV	213049	283761	9.27%	1.357%
12	10.745	1449	1454	1470	rBV	1174165	1580095	51.64%	7.559%
13	11.445	1568	1573	1580	rBV	573653	744891	24.34%	3.563%
14	11.822	1629	1637	1642	rBV4	26197	41550	1.36%	0.199%
15	11.969	1656	1662	1686	rBV2	184720	444947	14.54%	2.129%
16	12.663	1776	1780	1785	rBV	21744	32004	1.05%	0.153%
17	12.757	1791	1796	1808	rBV	52632	123508	4.04%	0.591%
18	13.021	1836	1841	1850	rBV	1427029	1900030	62.10%	9.090%
19	13.957	1996	2000	2013	rVB6	32395	77900	2.55%	0.373%
20	14.080	2016	2021	2030	rVB	466156	663617	21.69%	3.175%
21	14.174	2034	2037	2043	rVB	27822	40436	1.32%	0.193%
22	15.574	2270	2275	2288	rVB	439887	707180	23.11%	3.383%

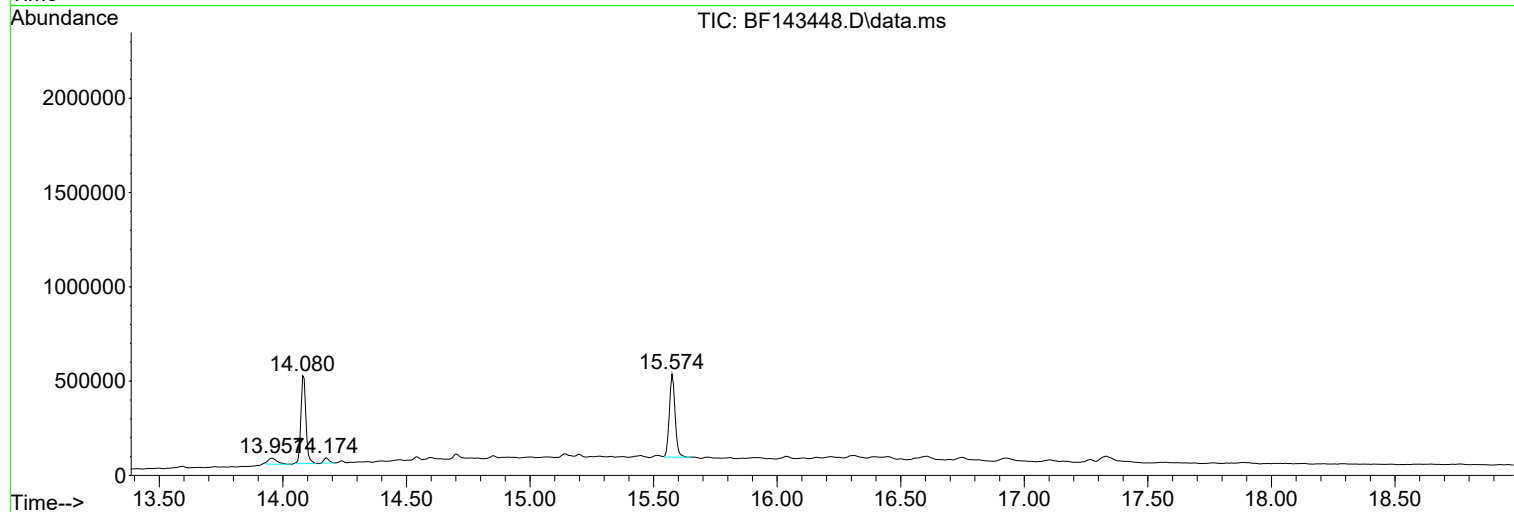
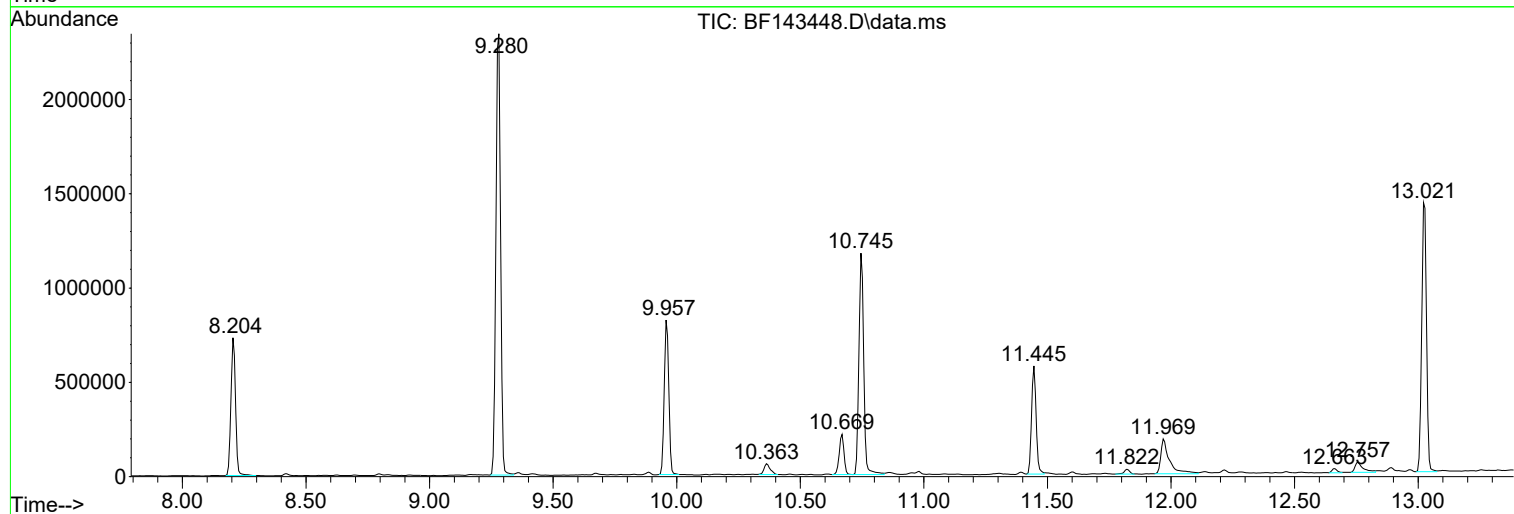
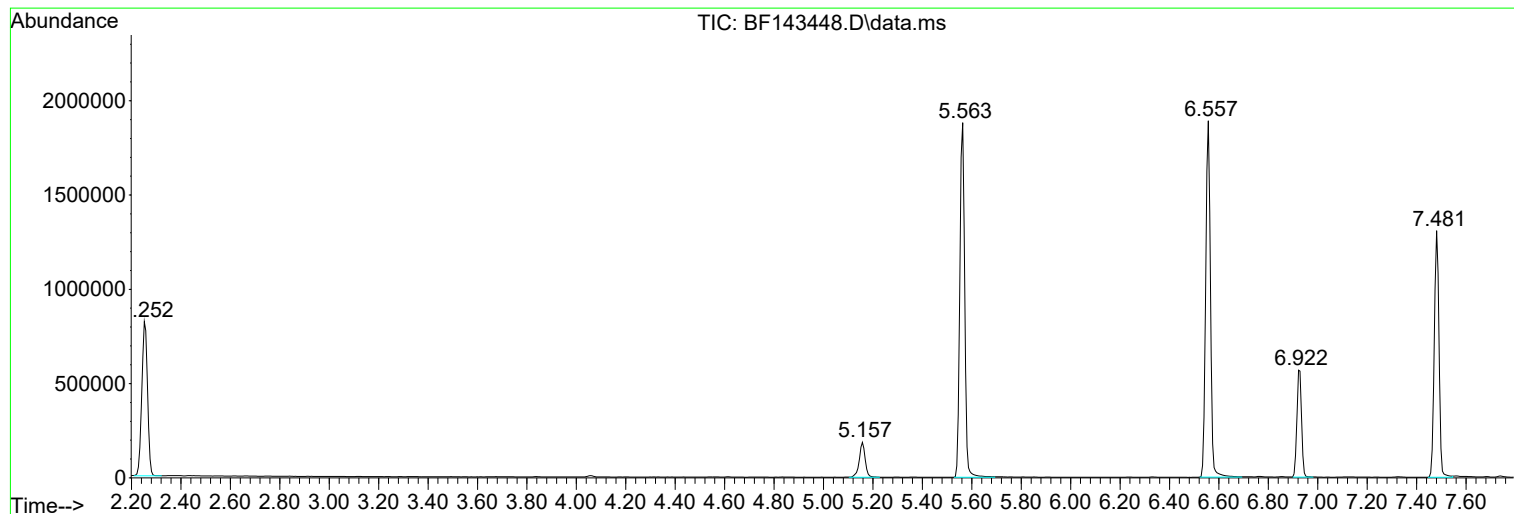
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DRILL CUTTING 1-3 COMP

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081525.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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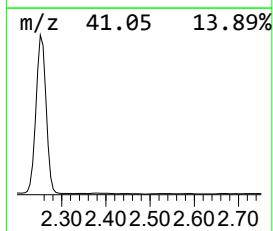
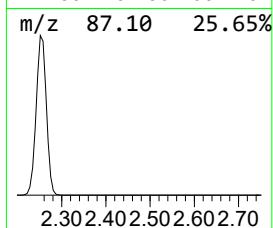
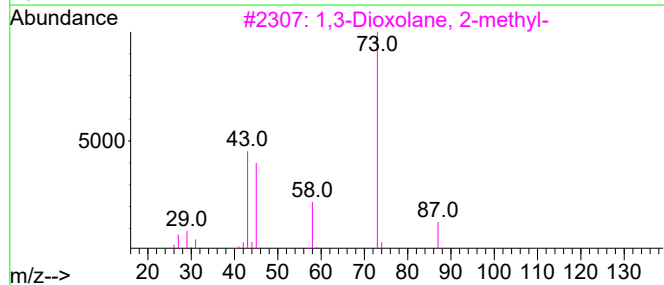
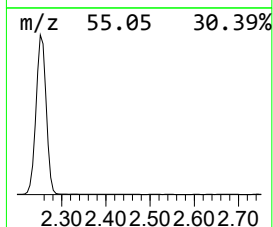
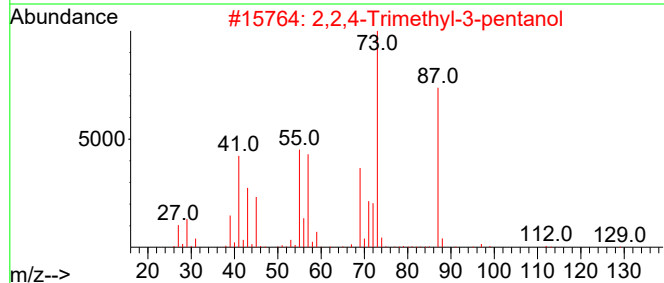
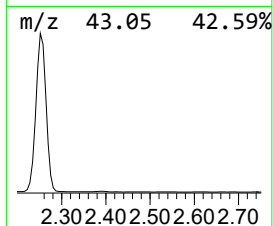
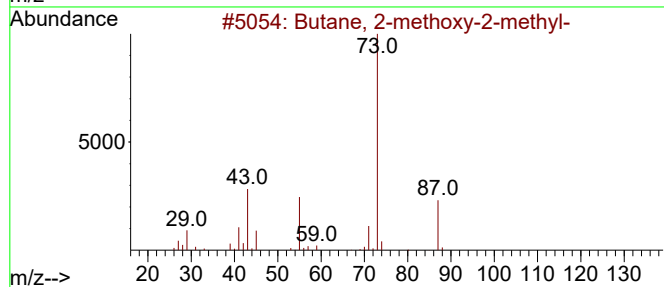
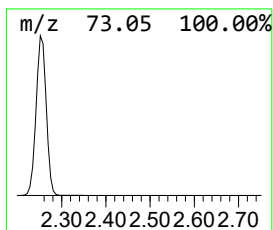
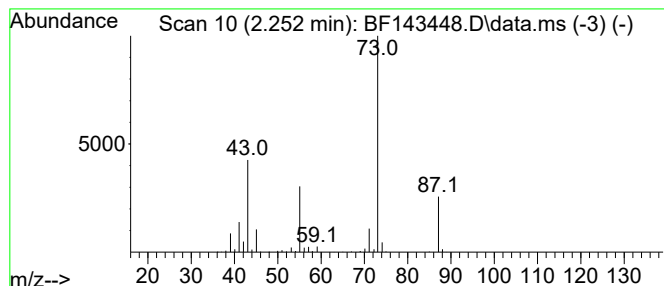
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.
2.252	35.52 ng	1302210	1,4-Dichlorobenzene-d4	6.928

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			1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23
4			Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
5			Silane, tetramethyl-	88	C4H12Si	000075-76-3	10



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DRILL CUTTING 1-3 COMP

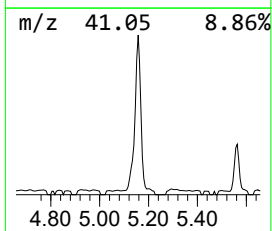
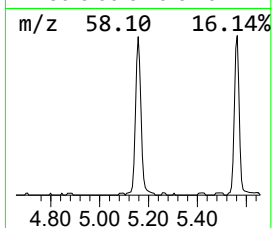
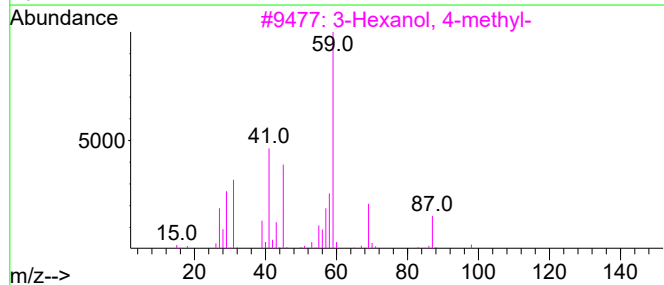
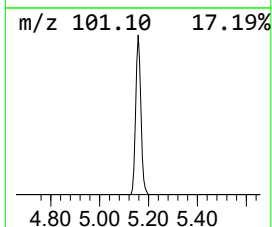
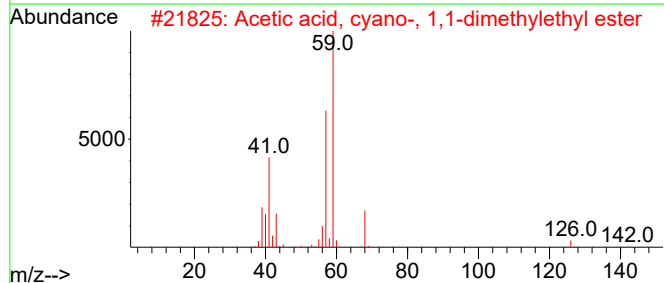
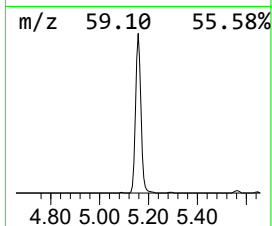
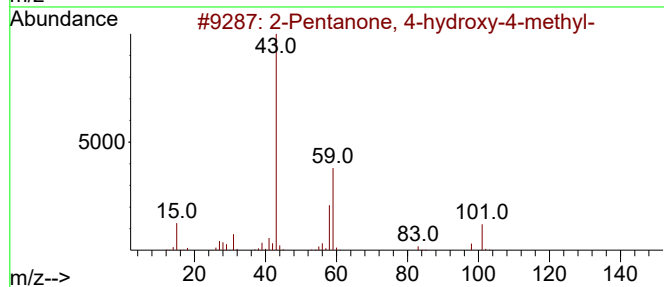
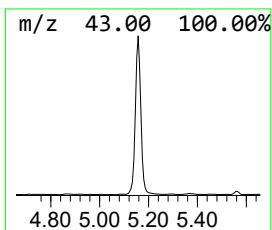
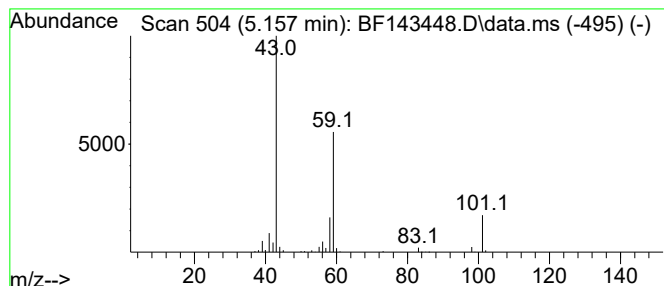
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Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.157	8.34 ng	305847	1,4-Dichlorobenzene-d4	6.928

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2			Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	37
3			3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4			Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	28
5			1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12



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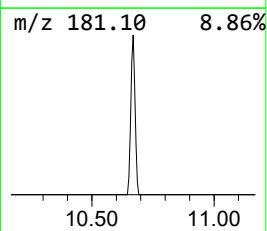
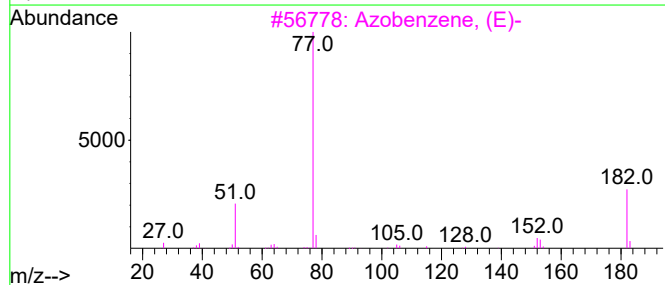
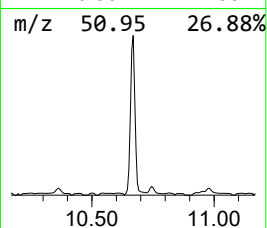
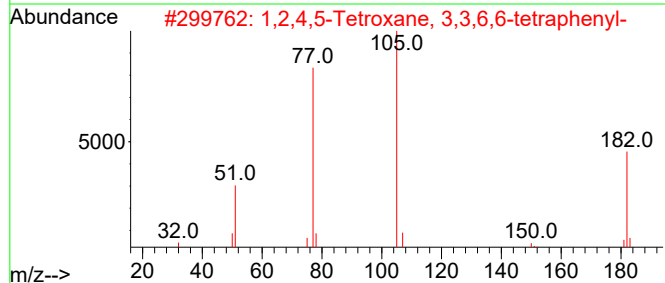
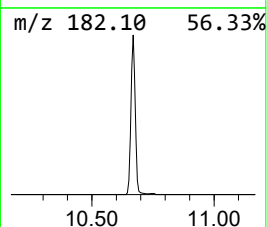
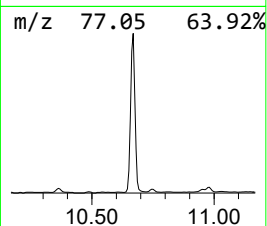
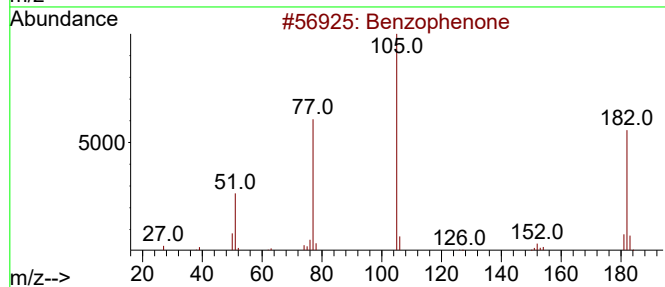
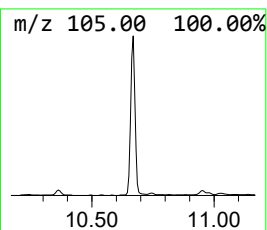
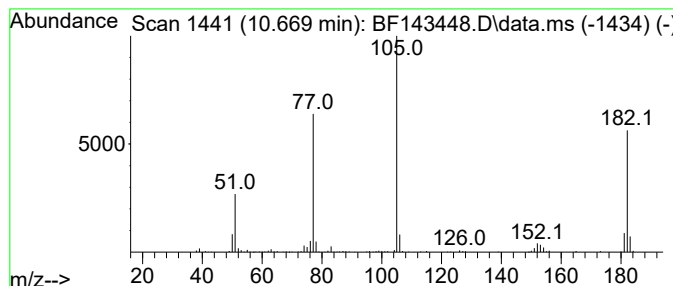
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Benzophenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.669	5.49 ng	283761	Acenaphthene-d10	9.957

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	96
2			1,2,4,5-Tetroxane, 3,3,6,6-tetra...	396	C26H20O4	016204-36-7	78
3			Azobenzene, (E)-	182	C12H10N2	017082-12-1	64
4			Disulfide, dibenzoyl	274	C14H10O2S2	000644-32-6	49
5			N-Methylbenzamide, N-chlorodiflu...	247	C10H8ClF2NO2	1000446-98-2	47



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DRILL CUTTING 1-3 COMP

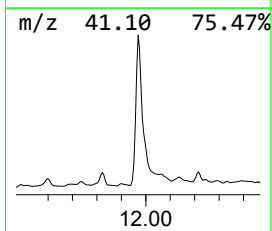
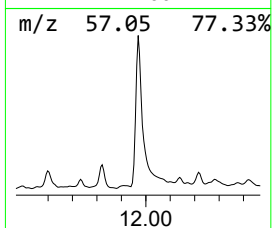
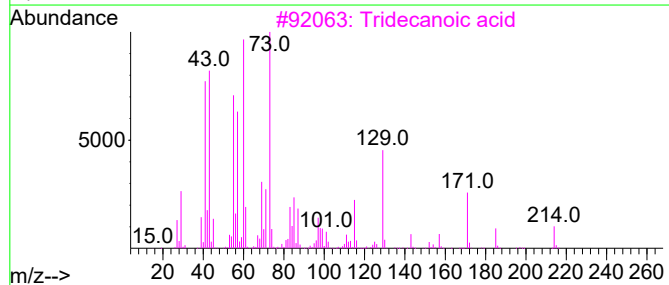
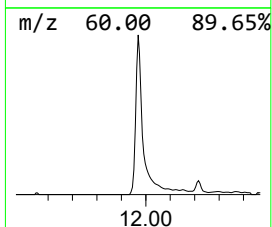
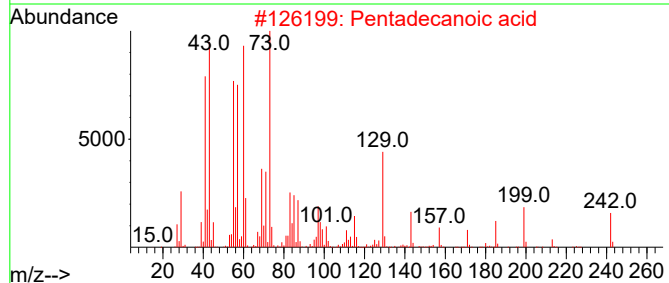
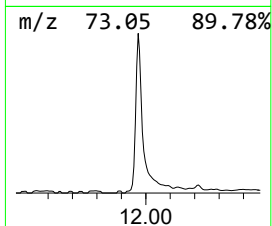
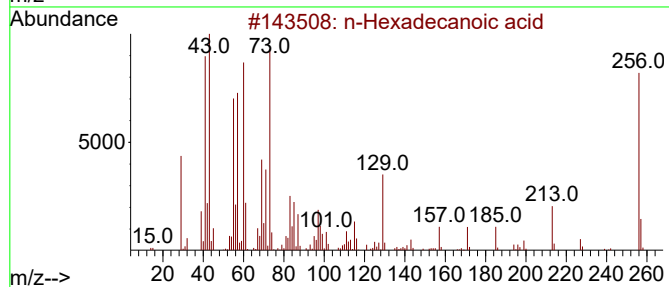
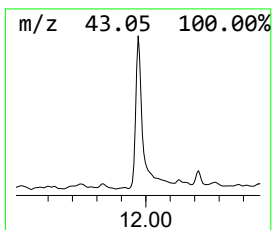
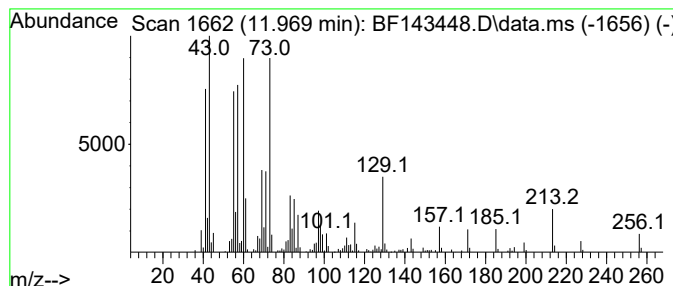
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Peak Number 4 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.969	11.95 ng	444947	Phenanthrene-d10	11.445

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	87
3			Tridecanoic acid	214	C13H26O2	000638-53-9	76
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	70
5			Undecanoic acid	186	C11H22O2	000112-37-8	64



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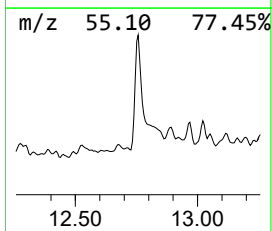
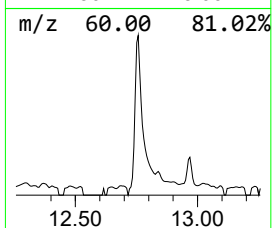
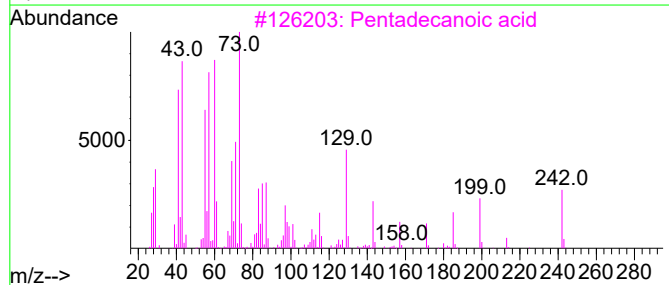
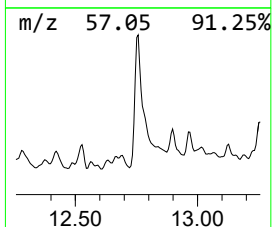
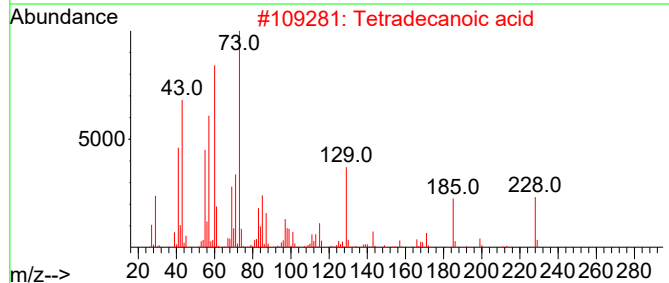
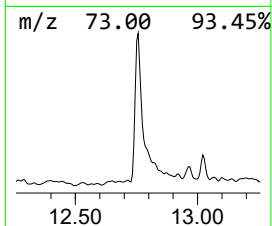
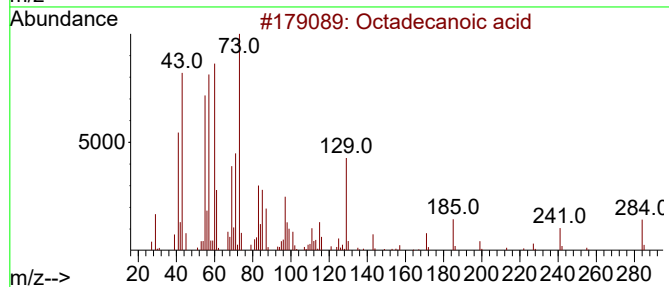
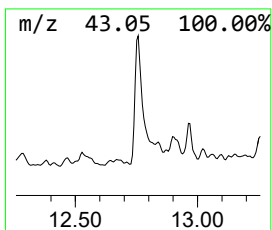
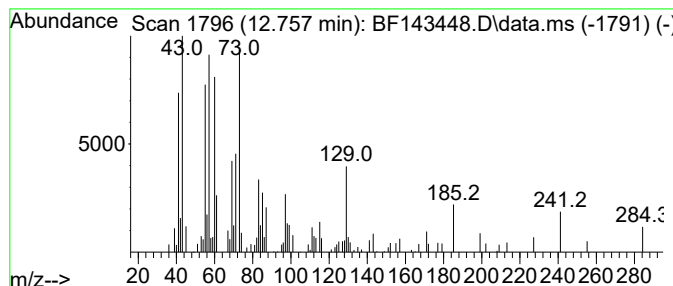
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Peak Number 5 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.757	3.32 ng	123508	Phenanthrene-d10	11.445

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	99
2			Tetradecanoic acid	228	C14H28O2	000544-63-8	87
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	80
4			n-Decanoic acid	172	C10H20O2	000334-48-5	76
5			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	74



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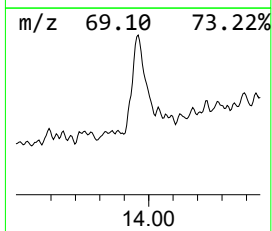
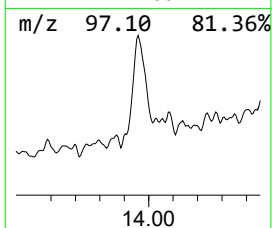
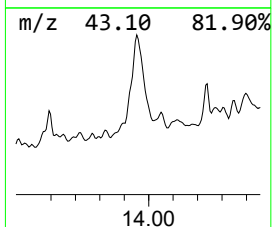
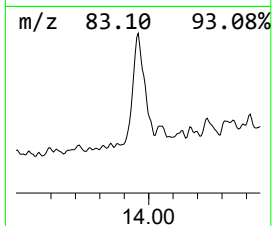
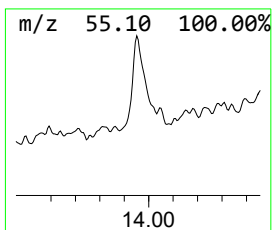
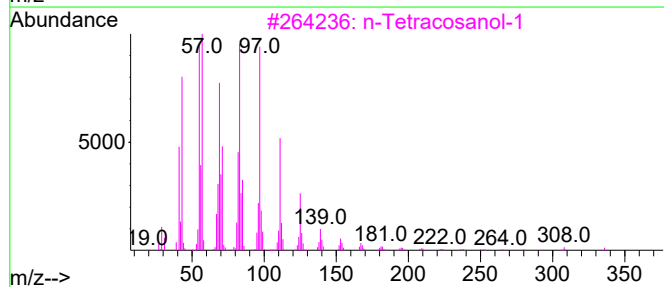
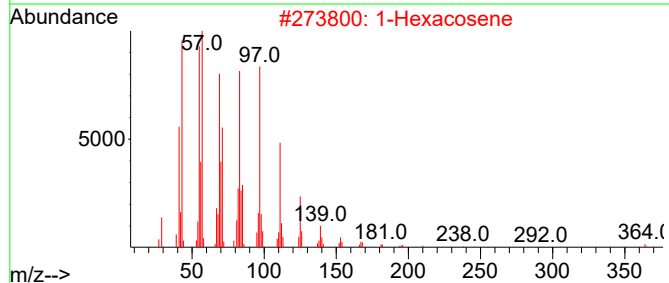
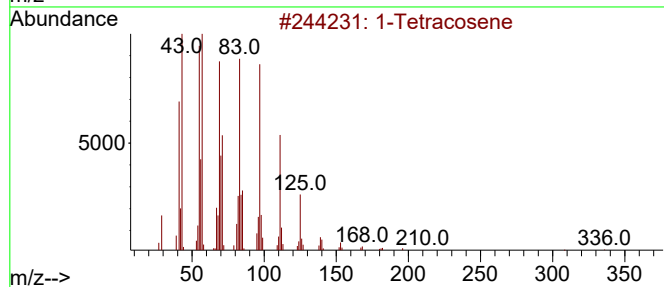
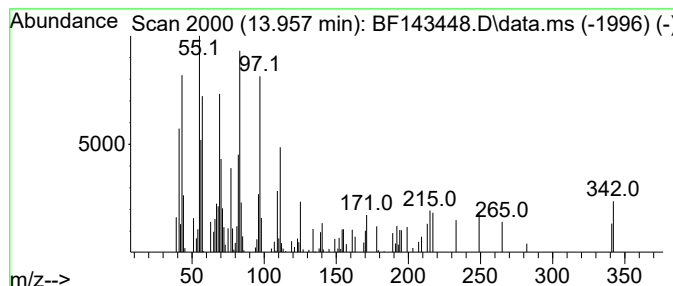
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 1-Tetracosene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.957	2.35 ng	77900	Chrysene-d12	14.080

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-Tetracosene	336	C24H48	010192-32-2	68
2		1-Hexacosene	364	C26H52	018835-33-1	68
3		n-Tetracosanol-1	354	C24H50O	000506-51-4	68
4		1-Nonadecene	266	C19H38	018435-45-5	64
5		1-Octadecanol	270	C18H38O	000112-92-5	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081925\
Data File : BF143448.D
Acq On : 19 Aug 2025 11:06
Operator : RC/JU
Sample : Q2873-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DRILL CUTTING 1-3 COMP

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-metho...	2.252	35.5	ng	1302210	1	6.928	733265	20.0
2-Pentanone, 4-...	5.157	8.3	ng	305847	1	6.928	733265	20.0
Benzophenone	10.669	5.5	ng	283761	3	9.957	1032880	20.0
n-Hexadecanoic ...	11.969	11.9	ng	444947	4	11.445	744891	20.0
Octadecanoic acid	12.757	3.3	ng	123508	4	11.445	744891	20.0
1-Tetracosene	13.957	2.4	ng	77900	5	14.080	663617	20.0