

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072125\
 Data File : BF143175.D
 Acq On : 21 Jul 2025 16:58
 Operator : RC/JU
 Sample : Q2651-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH 9-8

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-BF071725.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF143175.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.287	9	16	23	rVB	565940	889400	43.20%	5.289%
2	5.187	503	509	516	rVB	145322	208586	10.13%	1.240%
3	5.587	571	577	582	rBV	1431333	1851010	89.91%	11.007%
4	6.581	739	746	751	rBV	1396951	1866138	90.64%	11.097%
5	6.963	806	811	816	rVB	672731	815207	39.60%	4.848%
6	7.516	899	905	910	rBV	956942	1191796	57.89%	7.087%
7	8.240	1023	1028	1033	rBV	787543	1003754	48.76%	5.969%
8	9.316	1205	1211	1216	rBV	1675542	2058760	100.00%	12.242%
9	9.998	1321	1327	1332	rBV	739099	909157	44.16%	5.406%
10	10.704	1442	1447	1455	rVB	124817	150940	7.33%	0.898%
11	10.781	1455	1460	1465	rBV	734737	910623	44.23%	5.415%
12	10.910	1476	1482	1489	rVB2	17474	33058	1.61%	0.197%
13	11.016	1497	1500	1505	rVB	20772	23776	1.15%	0.141%
14	11.133	1516	1520	1526	rBV4	18697	27231	1.32%	0.162%
15	11.381	1559	1562	1568	rVB2	16517	22011	1.07%	0.131%
16	11.481	1574	1579	1587	rBV	599630	778512	37.81%	4.629%
17	11.704	1613	1617	1625	rBV3	25649	47298	2.30%	0.281%
18	12.004	1661	1668	1680	rBV2	328459	504983	24.53%	3.003%
19	12.533	1754	1758	1761	rBV2	16876	23742	1.15%	0.141%
20	12.569	1761	1764	1770	rVB3	14965	21906	1.06%	0.130%
21	12.698	1782	1786	1797	rBV	36570	72623	3.53%	0.432%
22	12.786	1797	1801	1809	rBV	75284	113301	5.50%	0.674%
23	12.922	1820	1824	1831	rBV	54994	84465	4.10%	0.502%
24	13.063	1843	1848	1857	rBV	1272810	1619568	78.67%	9.631%
25	13.963	1996	2001	2011	rBV2	126123	230441	11.19%	1.370%
26	14.122	2023	2028	2035	rBV	548072	762920	37.06%	4.537%
27	14.210	2040	2043	2049	rVB	56286	83887	4.07%	0.499%
28	14.992	2173	2176	2180	rVB	98878	123812	6.01%	0.736%
29	15.627	2279	2284	2288	rBV	263610	388070	18.85%	2.308%

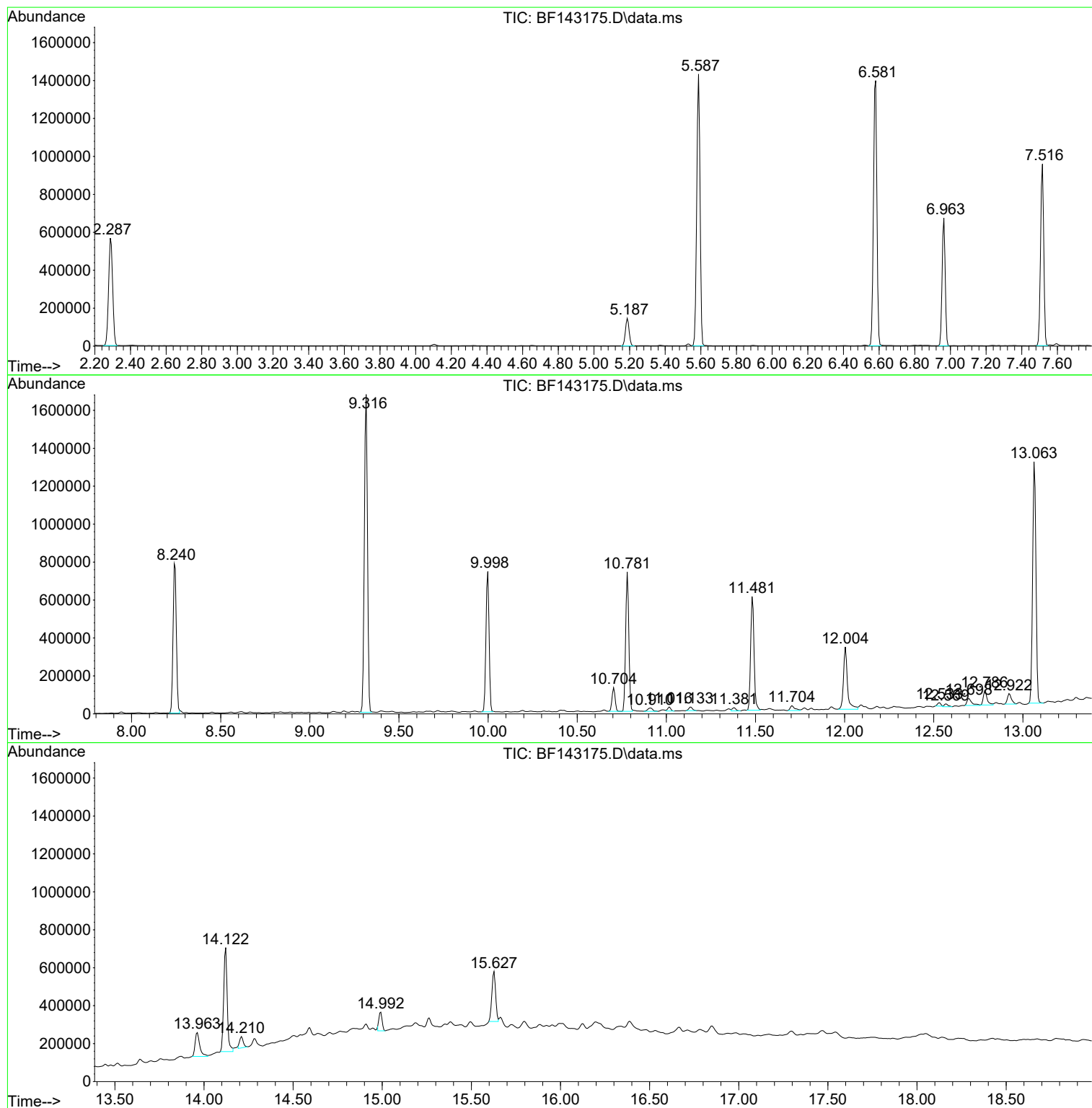
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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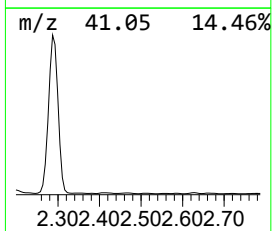
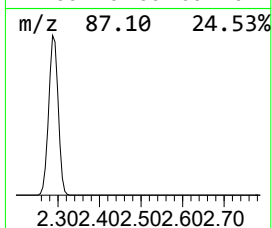
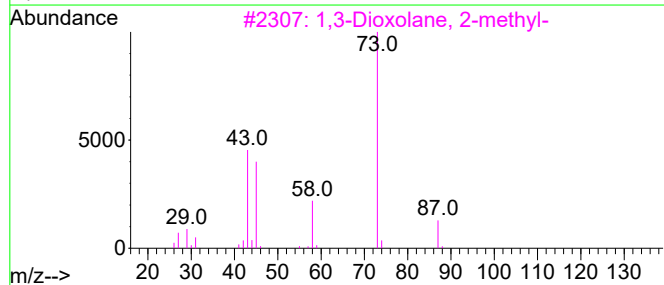
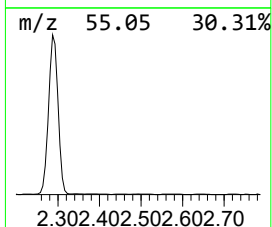
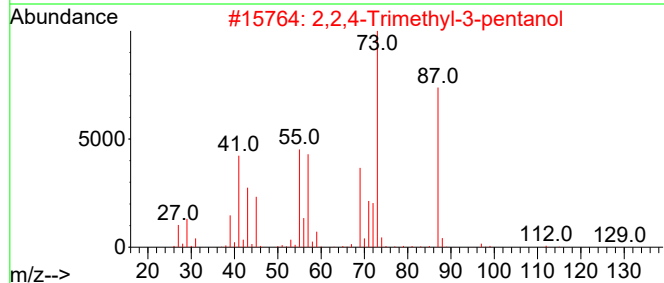
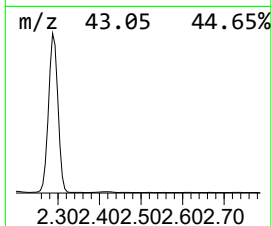
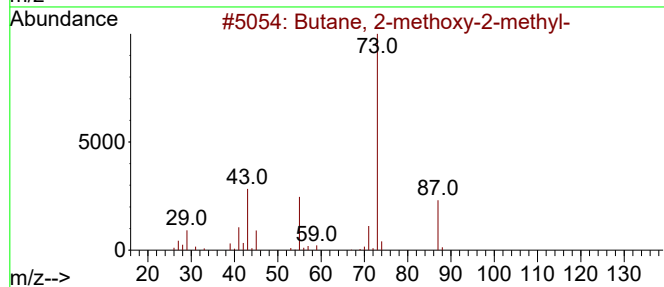
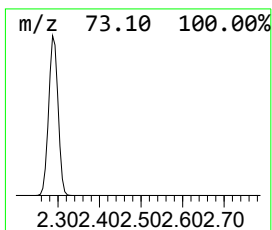
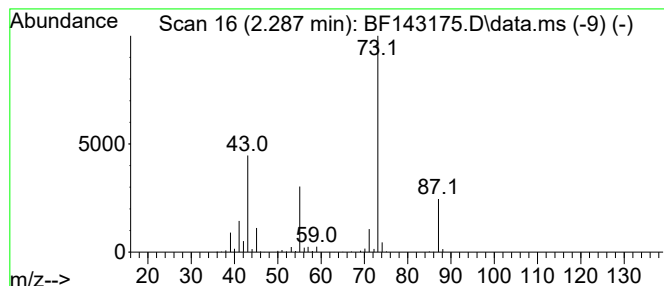
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.
2.287	21.82 ng	889400	1,4-Dichlorobenzene-d4	6.963

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			Borane, dimethoxy-	74	C2H7BO2	004542-61-4	9



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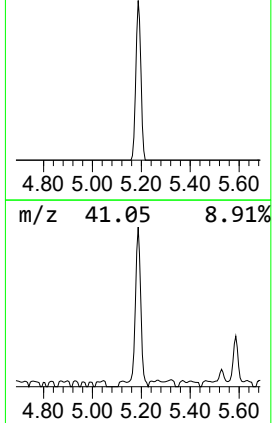
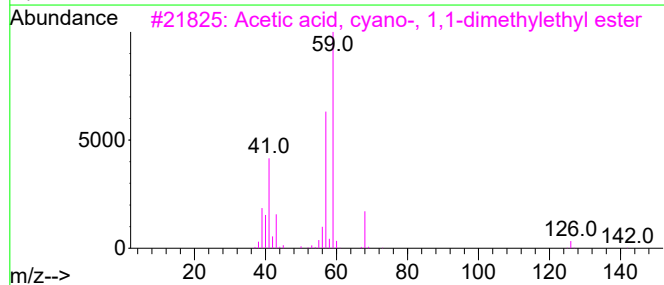
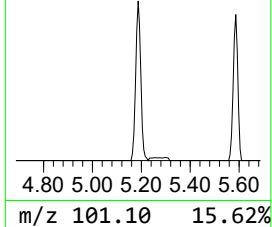
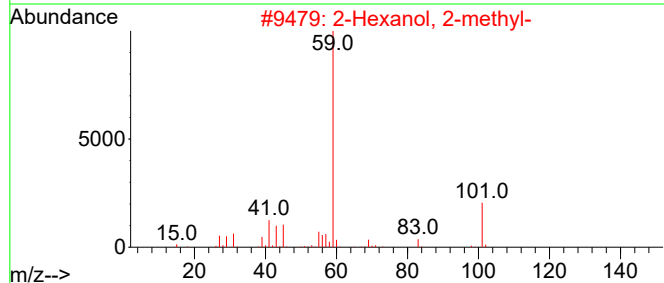
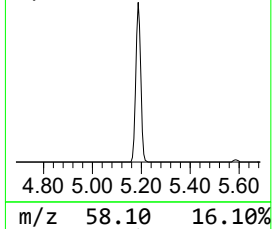
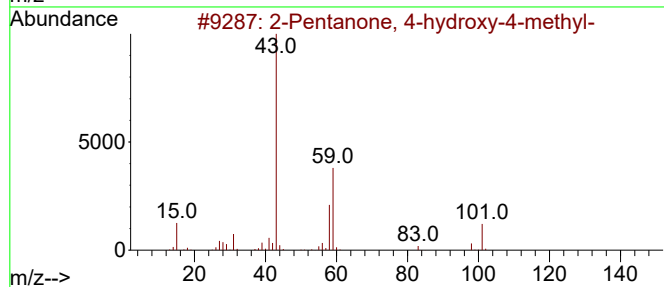
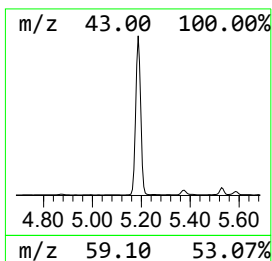
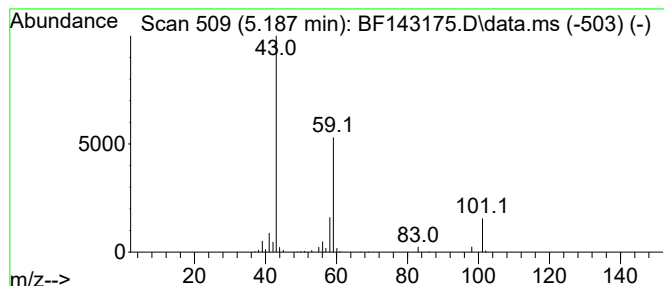
Instrument :
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD			R.T.
5.187	5.12 ng	208586	1,4-Dichlorobenzene-d4			6.963
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-		116	C6H12O2	000123-42-2	59
2	2-Hexanol, 2-methyl-		116	C7H16O	000625-23-0	28
3	Acetic acid, cyano-, 1,1-dimethy...		141	C7H11NO2	001116-98-9	23
4	Acetic acid, 1,1-dimethylethyl e...		116	C6H12O2	000540-88-5	23
5	2,3-Butanedione, monooxime		101	C4H7NO2	000057-71-6	16



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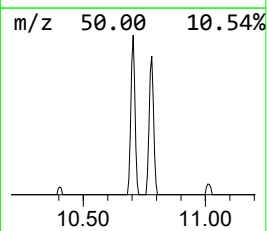
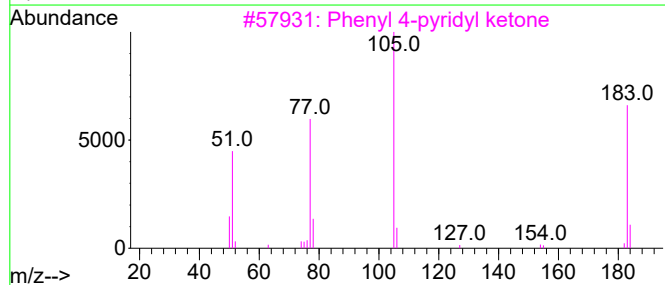
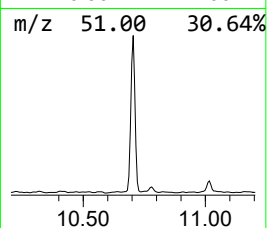
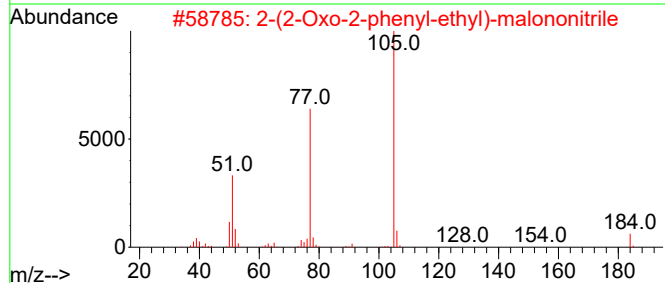
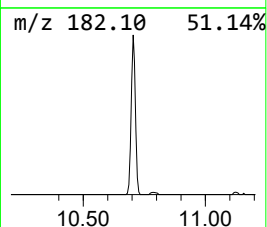
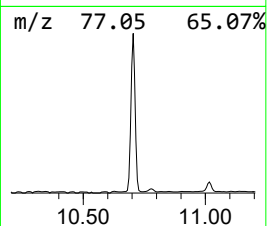
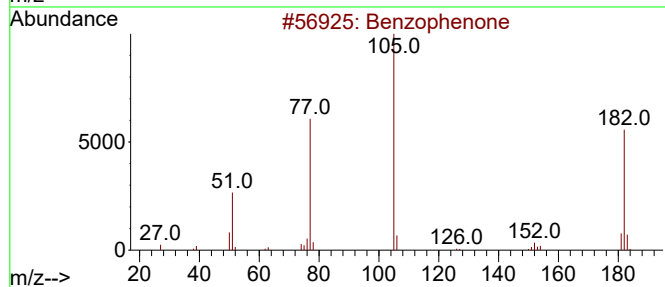
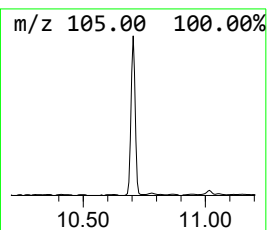
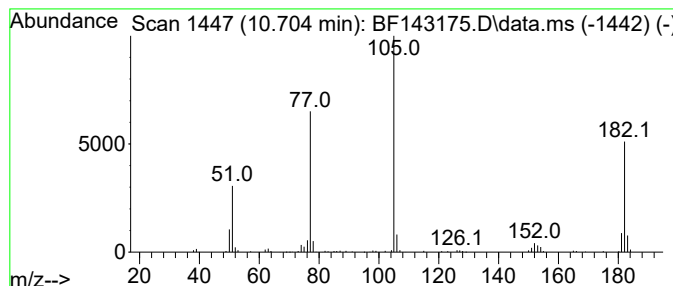
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TIC Library : C:\Database\NIST20.L
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Peak Number 3 Benzophenone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.704	3.32 ng	150940	Acenaphthene-d10	9.998

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	96
2			2-(2-Oxo-2-phenyl-ethyl)-malonon...	184	C11H8N2O	1000296-76-9	53
3			Phenyl 4-pyridyl ketone	183	C12H9NO	014548-46-0	52
4			N-cyanobenzamide	146	C8H6N2O	015150-25-1	47
5			1-Propanone, 2-bromo-1-phenyl-	212	C9H9BrO	002114-00-3	47



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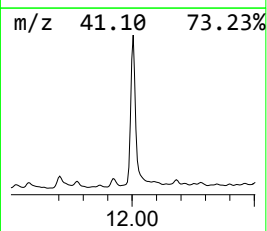
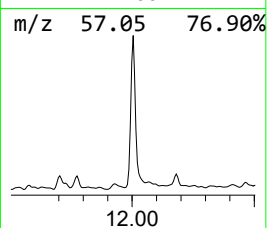
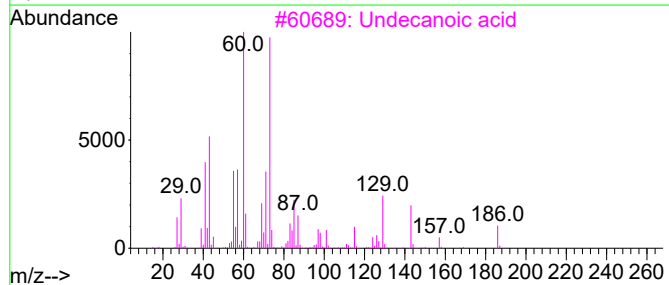
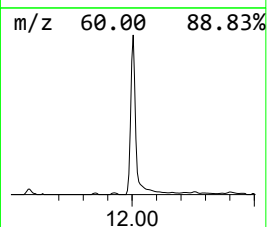
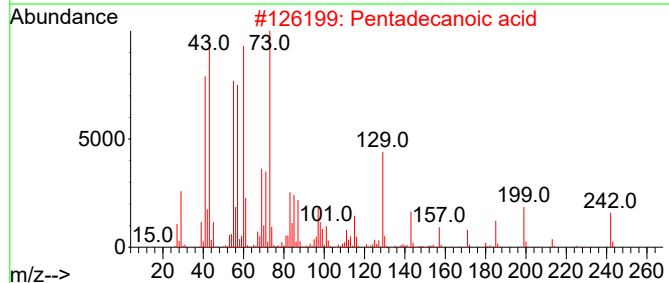
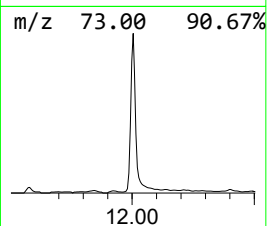
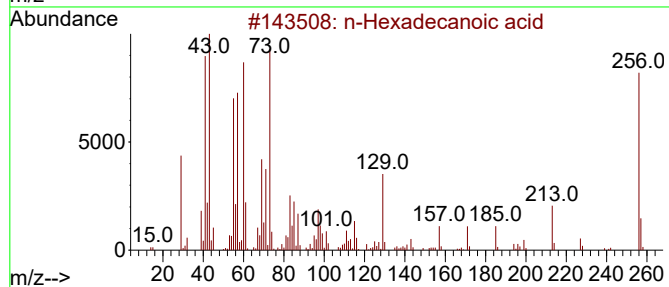
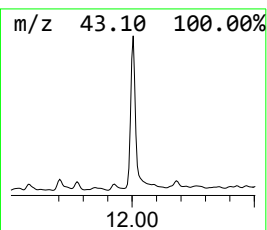
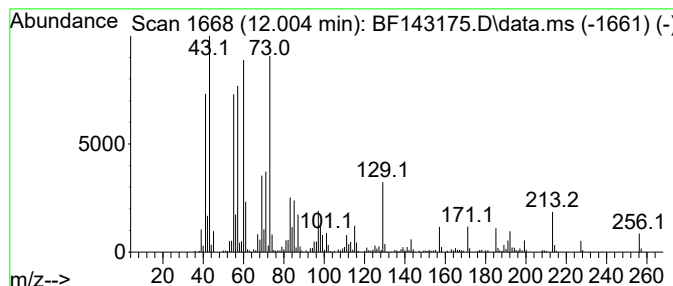
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TIC Library : C:\Database\NIST20.L
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Peak Number 4 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.004	12.97 ng	504983	Phenanthrene-d10	11.480

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			Undecanoic acid	186	C11H22O2	000112-37-8	76
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5			Tridecanoic acid	214	C13H26O2	000638-53-9	70



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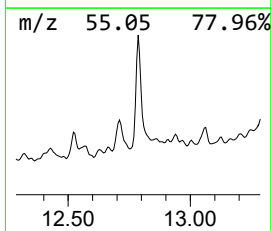
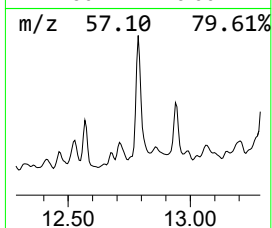
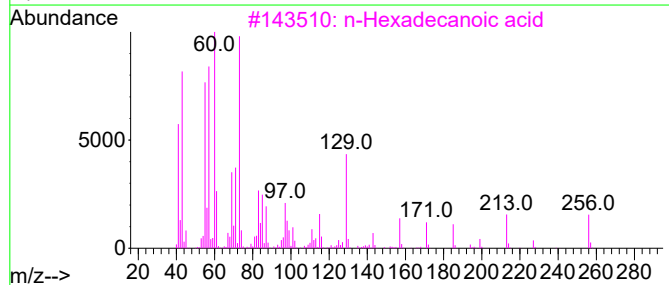
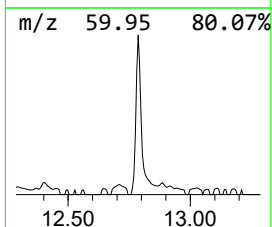
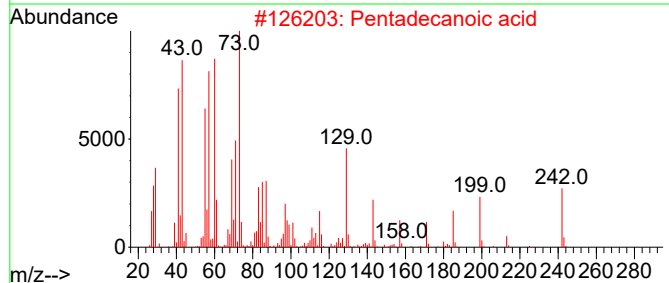
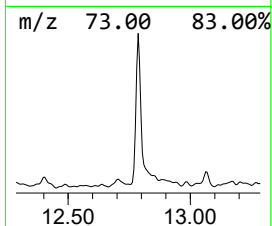
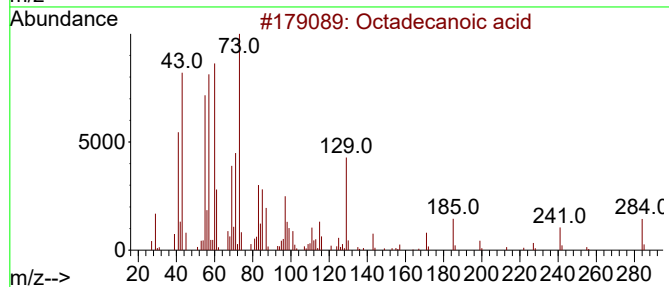
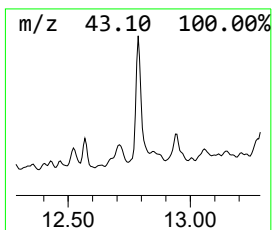
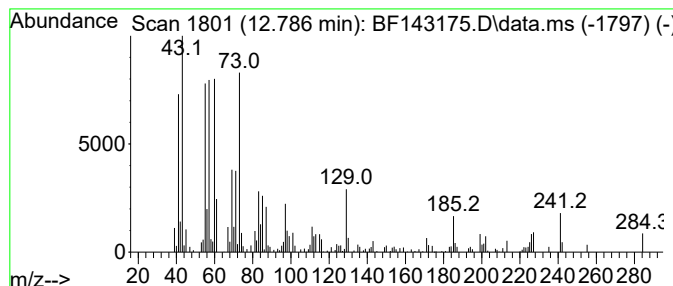
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TIC Library : C:\Database\NIST20.L
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Peak Number 5 Octadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.786	2.91 ng	113301	Phenanthrene-d10	11.480

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	92
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	90
3			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87
4			Undecanoic acid	186	C11H22O2	000112-37-8	70
5			8-Methylnonanoic acid	172	C10H20O2	005963-14-4	50



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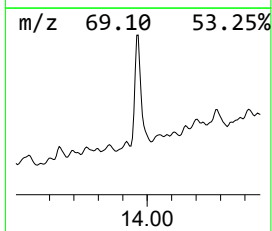
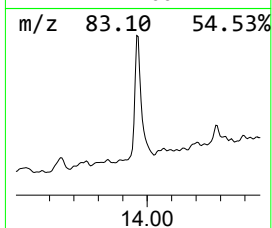
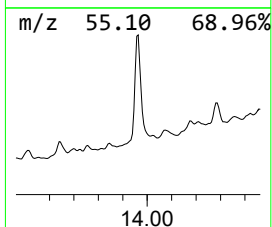
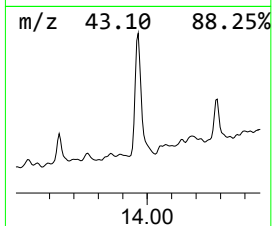
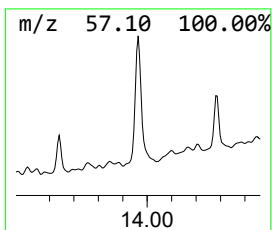
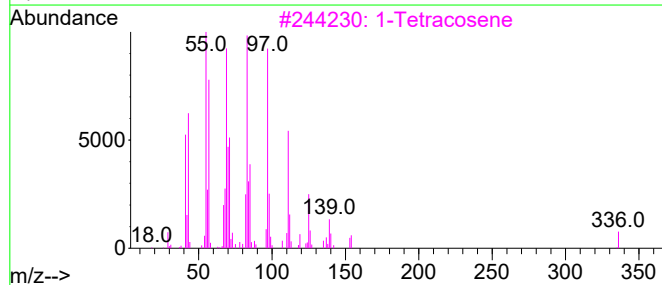
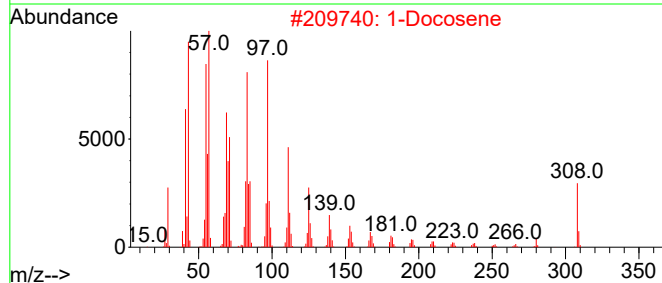
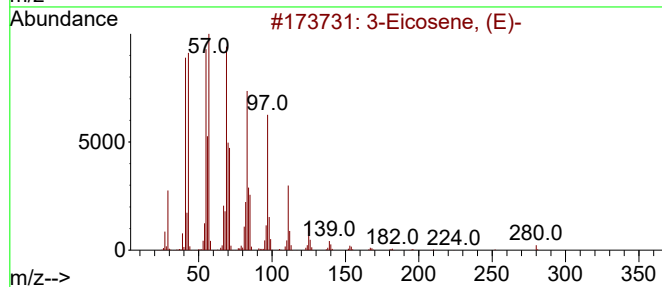
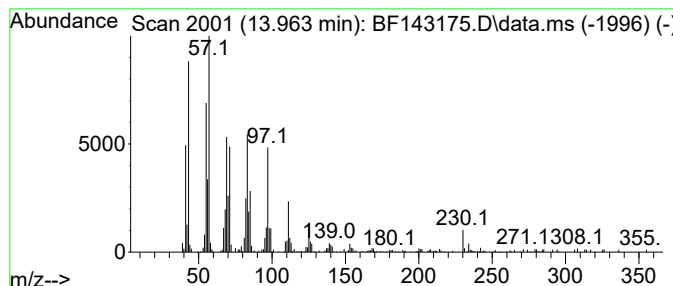
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 3-Eicosene, (E)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.963	6.04 ng	230441	Chrysene-d12	14.121

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		3-Eicosene, (E)-	280	C20H40	074685-33-9	99
2		1-Docosene	308	C22H44	001599-67-3	98
3		1-Tetracosene	336	C24H48	010192-32-2	97
4		Cyclotetracosane	336	C24H48	000297-03-0	96
5		5-Eicosene, (E)-	280	C20H40	074685-30-6	96



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072125\
Data File : BF143175.D
Acq On : 21 Jul 2025 16:58
Operator : RC/JU
Sample : Q2651-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MH 9-8

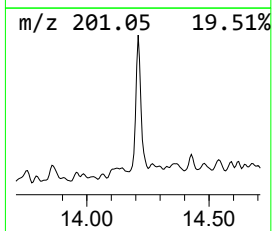
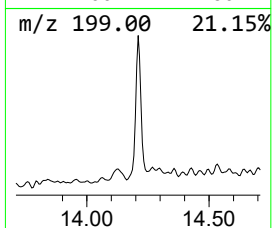
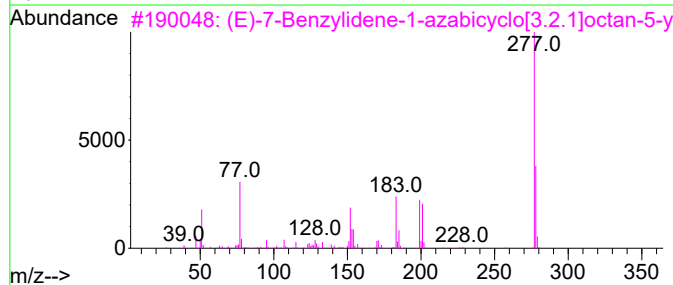
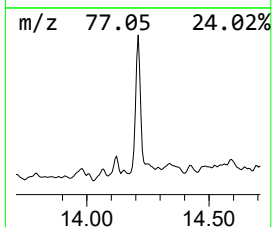
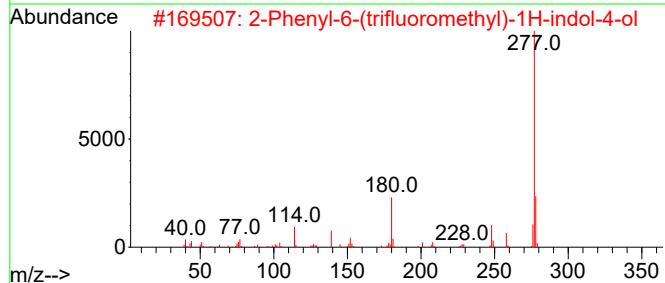
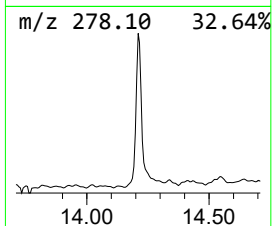
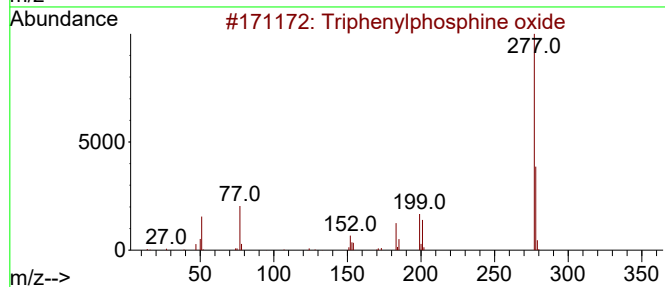
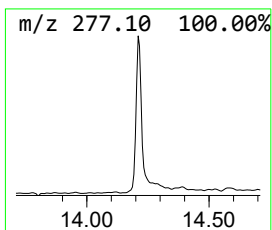
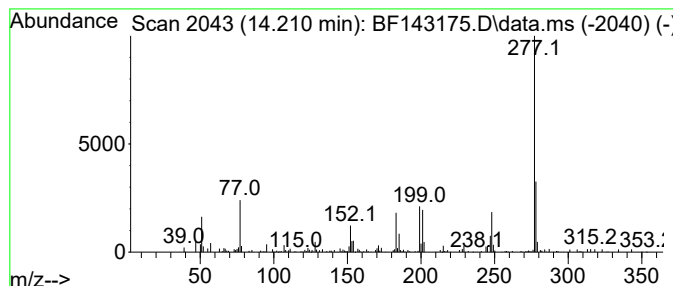
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Triphenylphosphine oxide Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.210	2.20 ng	83887	Chrysene-d12	14.121

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Triphenylphosphine oxide	278	C18H15OP	000791-28-6	96
2			2-Phenyl-6-(trifluoromethyl)-1H-...	277	C15H10F3NO	1000387-59-3	50
3			(E)-7-Benzylidene-1-azabicyclo[3...	293	C15H19NO3S	1000483-83-4	49
4			Carbazol-1-one, 1,2,3,4-tetrahyd...	277	C18H15NO2	299962-12-2	37
5			Cobalt,(.eta.<5>-2,4-cyclopentad...	277	C16H15BCo	036682-12-9	37



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072125\
Data File : BF143175.D
Acq On : 21 Jul 2025 16:58
Operator : RC/JU
Sample : Q2651-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MH 9-8

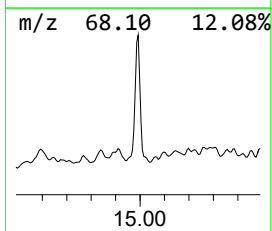
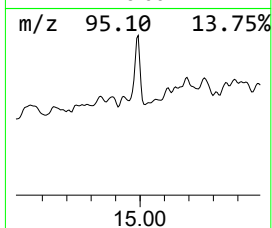
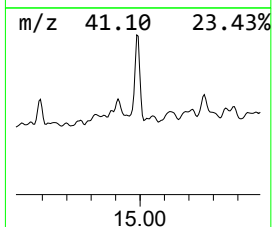
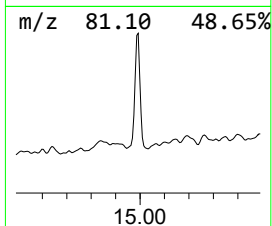
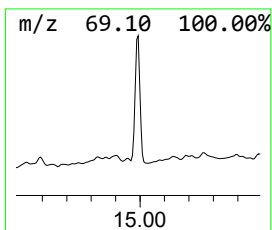
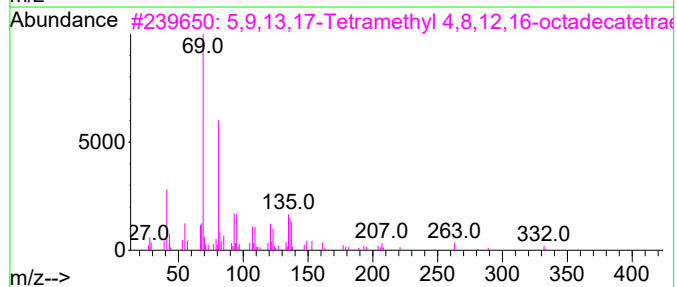
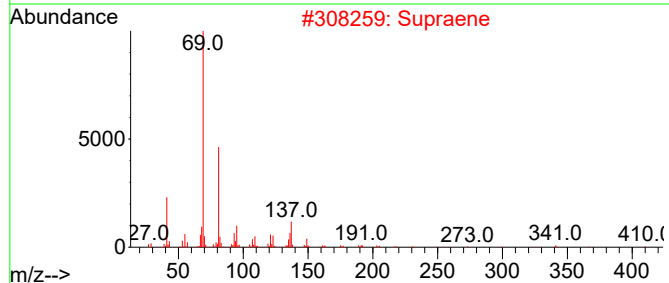
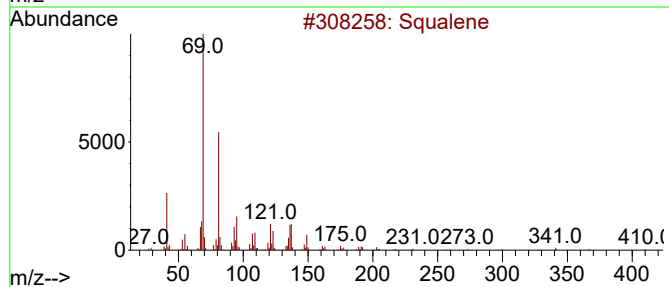
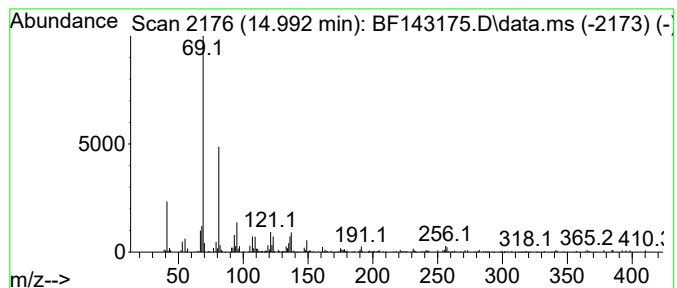
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Squalene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.992	6.38 ng	123812	Perylene-d12	15.627

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Squalene	410	C30H50	000111-02-4	94
2			Supraene	410	C30H50	007683-64-9	93
3			5,9,13,17-Tetramethyl 4,8,12,16-...	332	C22H36O2	1000432-37-9	93
4			trans-Farnesol	222	C15H26O	000106-28-5	80
5			2,6,10,14-Hexadecatetraenoic aci...	332	C22H36O2	024035-35-6	76



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072125\
Data File : BF143175.D
Acq On : 21 Jul 2025 16:58
Operator : RC/JU
Sample : Q2651-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MH 9-8

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.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...	2.287	21.8	ng	889400	1	6.963	815207	20.0
2-Pentanone, 4-...	5.187	5.1	ng	208586	1	6.963	815207	20.0
Benzophenone	10.704	3.3	ng	150940	3	9.998	909157	20.0
n-Hexadecanoic ...	12.004	13.0	ng	504983	4	11.480	778512	20.0
Octadecanoic acid	12.786	2.9	ng	113301	4	11.480	778512	20.0
3-Eicosene, (E)-	13.963	6.0	ng	230441	5	14.121	762920	20.0
Triphenylphosph...	14.210	2.2	ng	83887	5	14.121	762920	20.0
Squalene	14.992	6.4	ng	123812	6	15.627	388070	20.0