LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082125\
Data File : BF143532.D
Acq On : 21 Aug 2025 16:09
Operator : RC/JU
Sample : Q2819-06
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
11M-S

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-BF082025.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF143532.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.275	6	14	24	rVB	774263	1238053	51.71%	6.873%
2	5.163	494	505	517	rBV	145420	230949	9.65%	1.282%
3	5.563	568	573	595	rBV	1621753	2129402	88.94%	11.821%
4	6.557	736	742	764	rBV	1597549	2161625	90.29%	12.000%
5	6.922	799	804	813	rBV	568947	735781	30.73%	4.084%
6	7.481	893	899	910	rBV	1056381	1417511	59.21%	7.869%
7	8.204	1017	1022	1047	rVB	712802	946595	39.54%	5.255%
8	9.280	1199	1205	1210	rBV	1922461	2394069	100.00%	13.290%
9	9.963	1316	1321	1333	rBV	824334	1011845	42.26%	5.617%
10	10.675	1437	1442	1450	rBV	213467	276189	11.54%	1.533%
11	10.751	1450	1455	1472	rBV	1005860	1312384	54.82%	7.285%
12	10.980	1487	1494	1502	rBV	43370	56728	2.37%	0.315%
13	11.451	1569	1574	1591	rBV	681435	867316	36.23%	4.815%
14	11.974	1658	1663	1674	rBV3	15069	30579	1.28%	0.170%
15	12.698	1782	1786	1793	rVB	23746	28985	1.21%	0.161%
16	12.851	1807	1812	1817	rBV	56504	69710	2.91%	0.387%
17	13.033	1838	1843	1848	rBV	1343473	1679468	70.15%	9.323%
18	13.557	1928	1932	1937	rBV	34283	41264	1.72%	0.229%
19	14.092	2018	2023	2036	rVB	455326	626173	26.16%	3.476%
20	14.862	2148	2154	2160	rVB4	10887	25366	1.06%	0.141%
21	15.592	2272	2278	2291	rBV	451091	734046	30.66%	4.075%

Sum of corrected areas: 18014038

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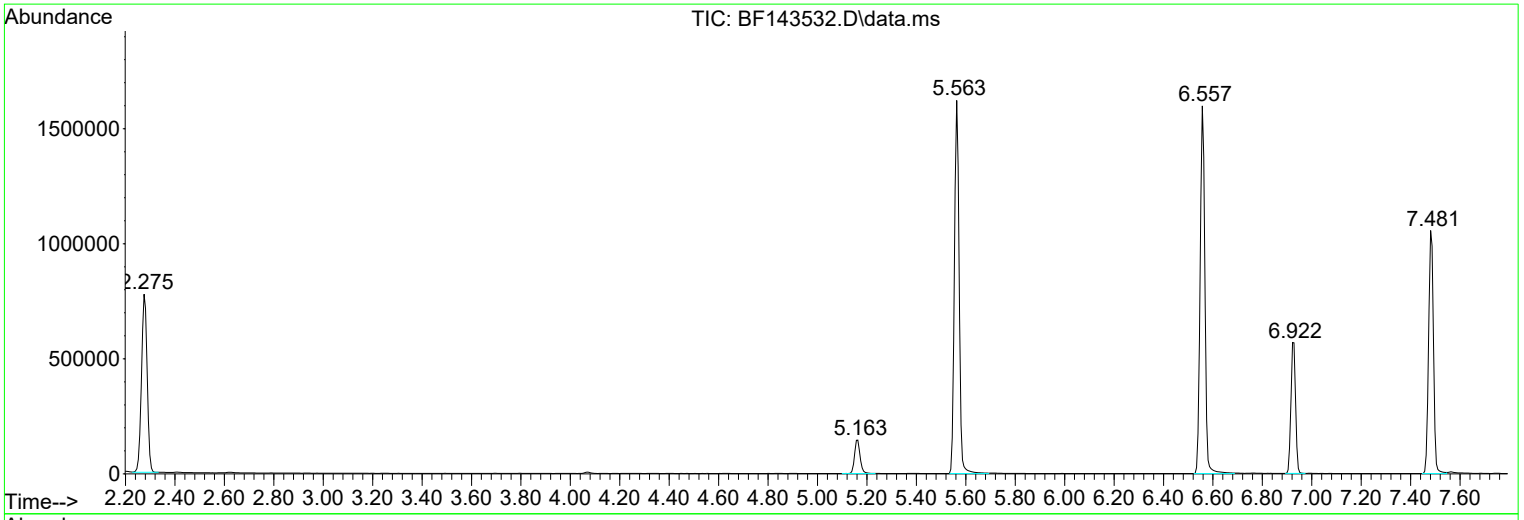
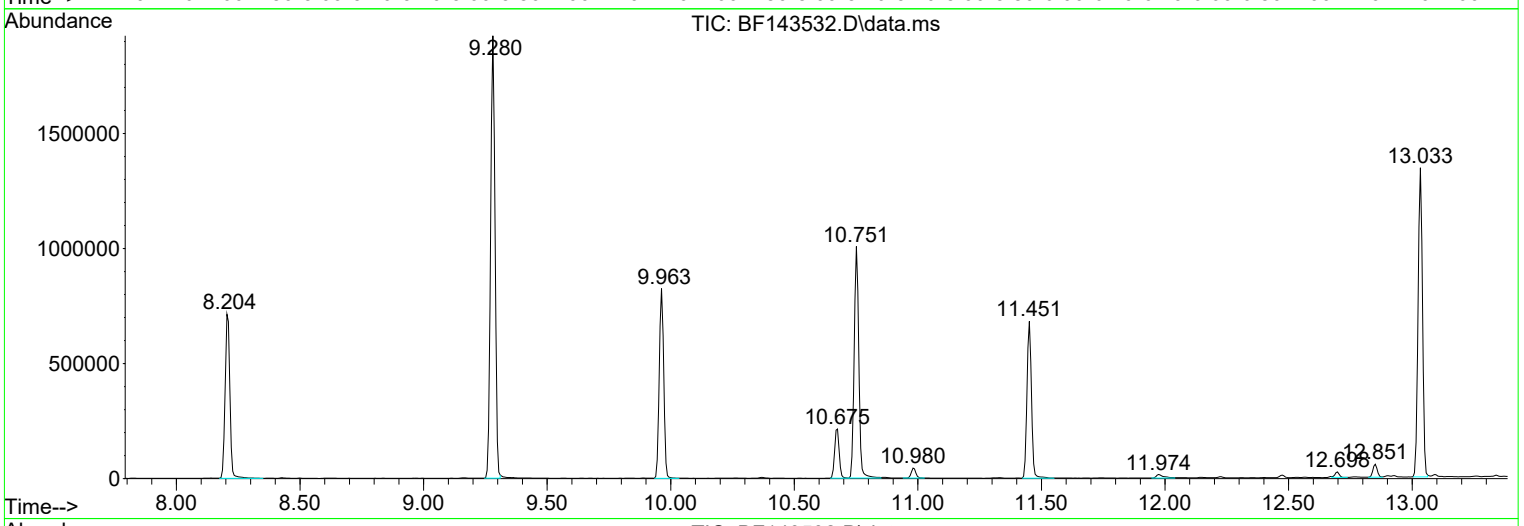
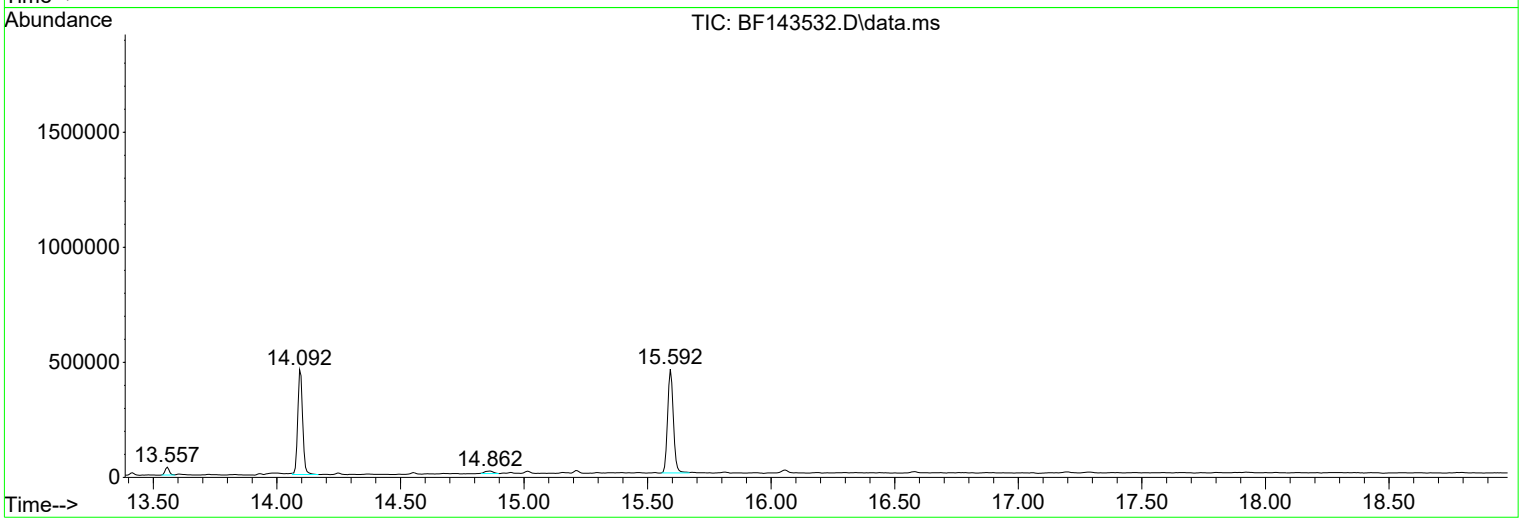
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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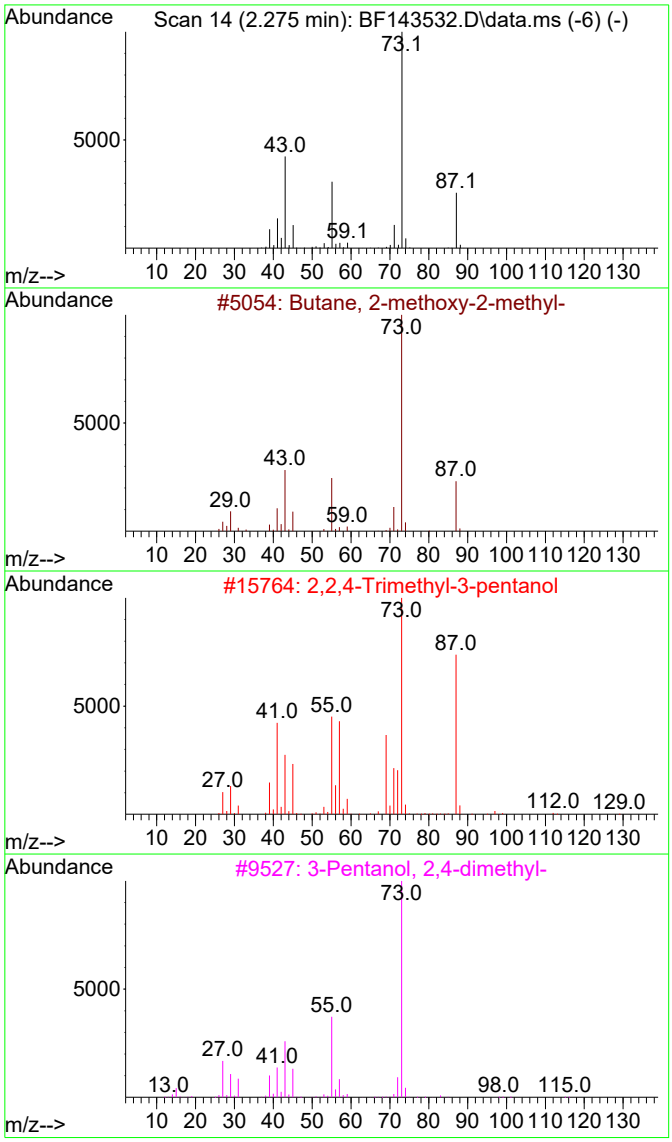
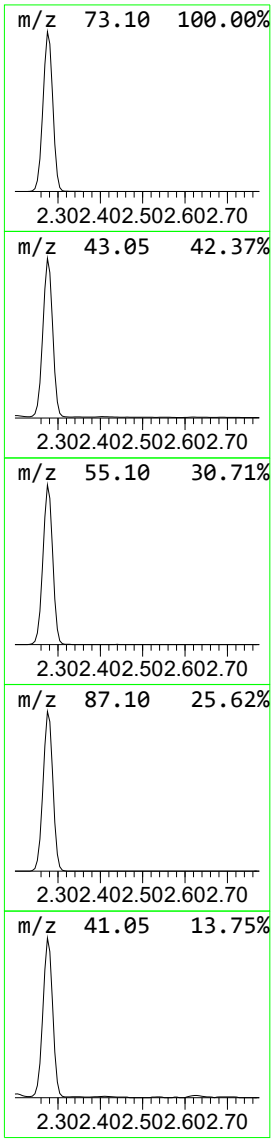
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.275	33.65 ng	1238050	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	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	37
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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TIC Integration Parameters: LSCINT.P

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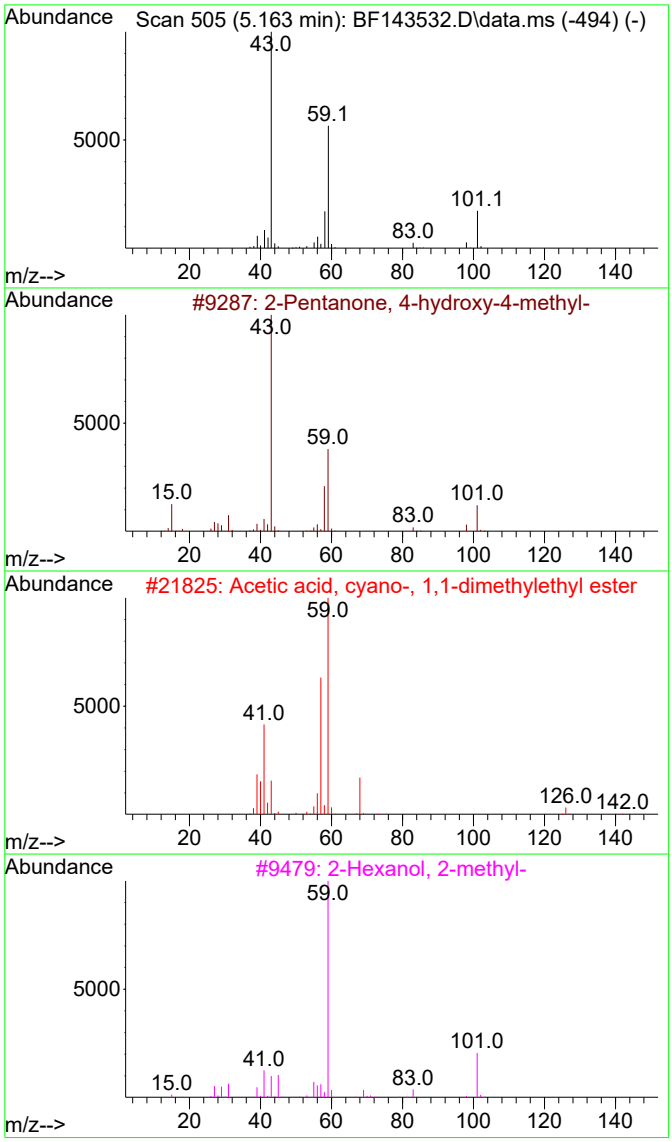
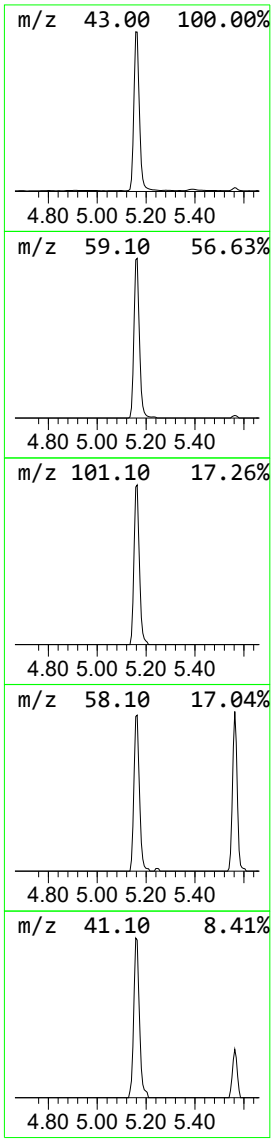
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.163	6.28 ng	230949	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	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
4	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	17
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	12





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Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
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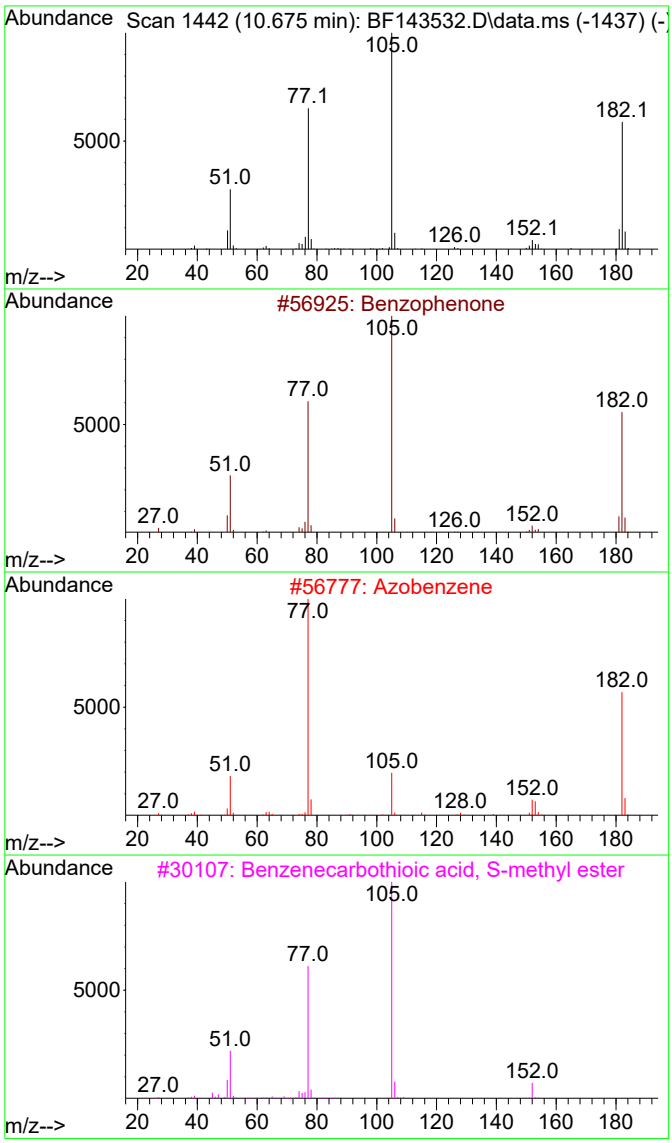
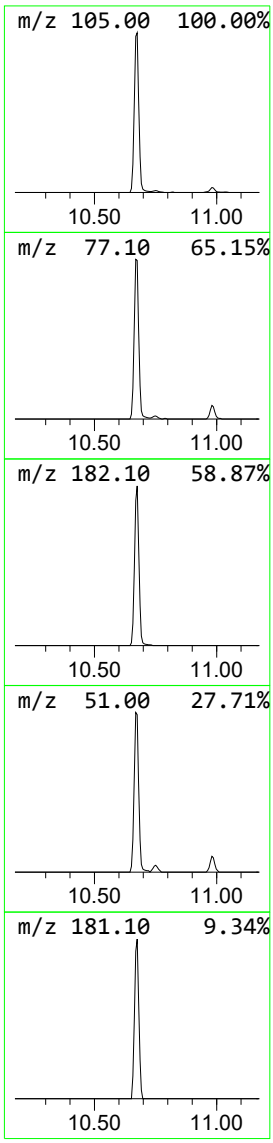
****

Peak Number 3 Benzophenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.675	5.46 ng	276189	Acenaphthene-d10	9.963

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Azobenzene	182	C12H10N2	000103-33-3	59
3	Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	49
4	1-Propanone, 2-bromo-1-phenyl-	212	C9H9BrO	002114-00-3	47
5	N-(1-Cyanovinyl)benzamide	172	C10H8N2O	1000186-19-1	47





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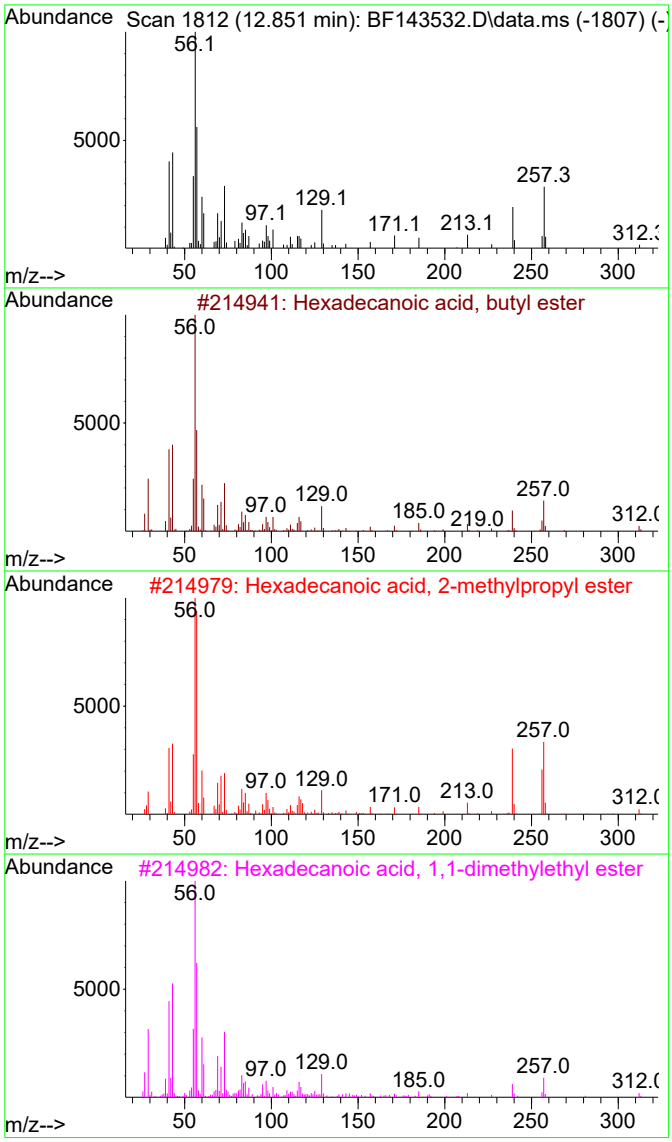
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

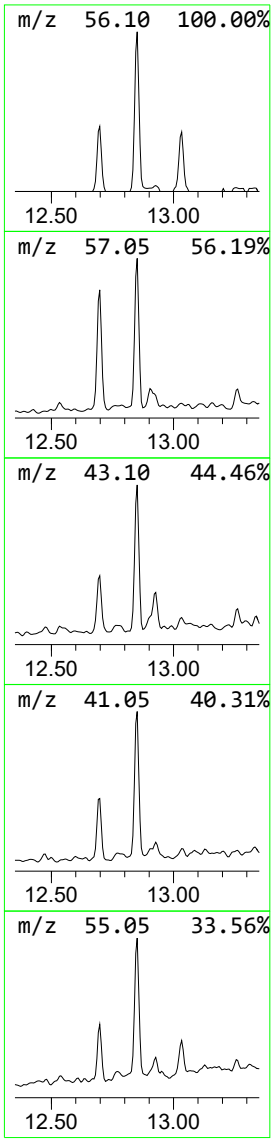
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Hexadecanoic acid, butyl ester Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.851	2.23 ng	69710	Chrysene-d12	14.092

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	97
2	Hexadecanoic acid, 2-methylpropy...	312	C20H40O2	000110-34-9	90
3	Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	55
4	Pentadecane, 8-methylene-	224	C16H32	055668-09-2	35
5	Cyclopropane, 1-(1-methylethyl)-...	210	C15H30	041977-39-3	35





Tentatively Identified Compound (LSC) summary

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-metho...	2.275	33.6	ng	1238050	1	6.928	735781	20.0
2-Pentanone, 4-...	5.163	6.3	ng	230949	1	6.928	735781	20.0
Benzophenone	10.675	5.5	ng	276189	3	9.963	1011850	20.0
Hexadecanoic ac...	12.851	2.2	ng	69710	5	14.092	626173	20.0