LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082125\
Data File : BF143521.D
Acq On : 21 Aug 2025 10:49
Operator : RC/JU
Sample : Q2820-12
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 10PC-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: BF143521.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.258	4	11	23	rVB	815298	1277544	48.75%	6.966%
2	5.157	496	504	513	rBV	145097	215372	8.22%	1.174%
3	5.563	567	573	598	rBV	1506764	2037748	77.75%	11.111%
4	6.557	736	742	767	rBV	1563422	2095068	79.94%	11.423%
5	6.922	799	804	813	rBV	542523	696855	26.59%	3.800%
6	7.481	893	899	911	rBV	1048451	1398566	53.36%	7.626%
7	8.204	1017	1022	1040	rBV	695934	910204	34.73%	4.963%
8	9.281	1199	1205	1210	rBV	2090341	2620816	100.00%	14.290%
9	9.963	1316	1321	1341	rVB	797568	997610	38.06%	5.439%
10	10.669	1436	1441	1450	rBV	256197	333715	12.73%	1.820%
11	10.751	1450	1455	1470	rVV	1091148	1427873	54.48%	7.785%
12	11.451	1569	1574	1589	rBV	676851	882155	33.66%	4.810%
13	11.975	1658	1663	1677	rBV2	40419	82861	3.16%	0.452%
14	13.033	1837	1843	1848	rBV	1545809	1942829	74.13%	10.593%
15	13.986	1998	2005	2016	rBV10	12342	49415	1.89%	0.269%
16	14.092	2018	2023	2034	rVB	408922	545522	20.81%	2.974%
17	15.016	2175	2180	2186	rVB2	21710	31630	1.21%	0.172%
18	15.210	2209	2213	2219	rBV	28499	39038	1.49%	0.213%
19	15.592	2272	2278	2294	rBV	418858	680946	25.98%	3.713%
20	16.051	2351	2356	2366	rVB	41739	74782	2.85%	0.408%

Sum of corrected areas: 18340549

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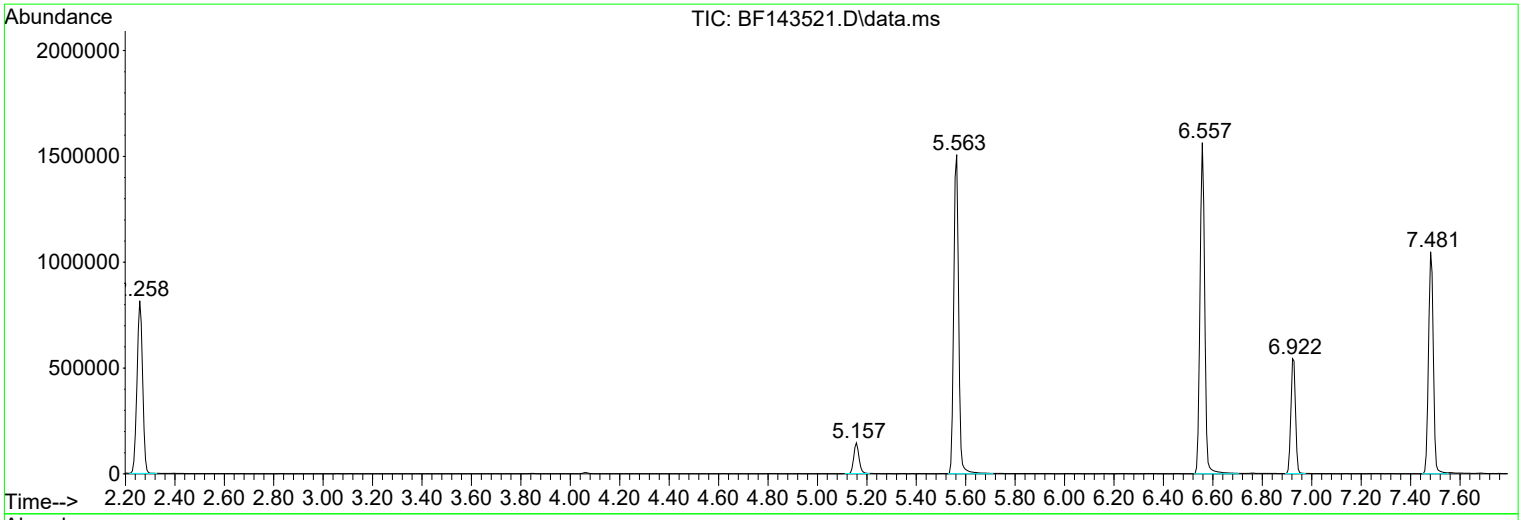
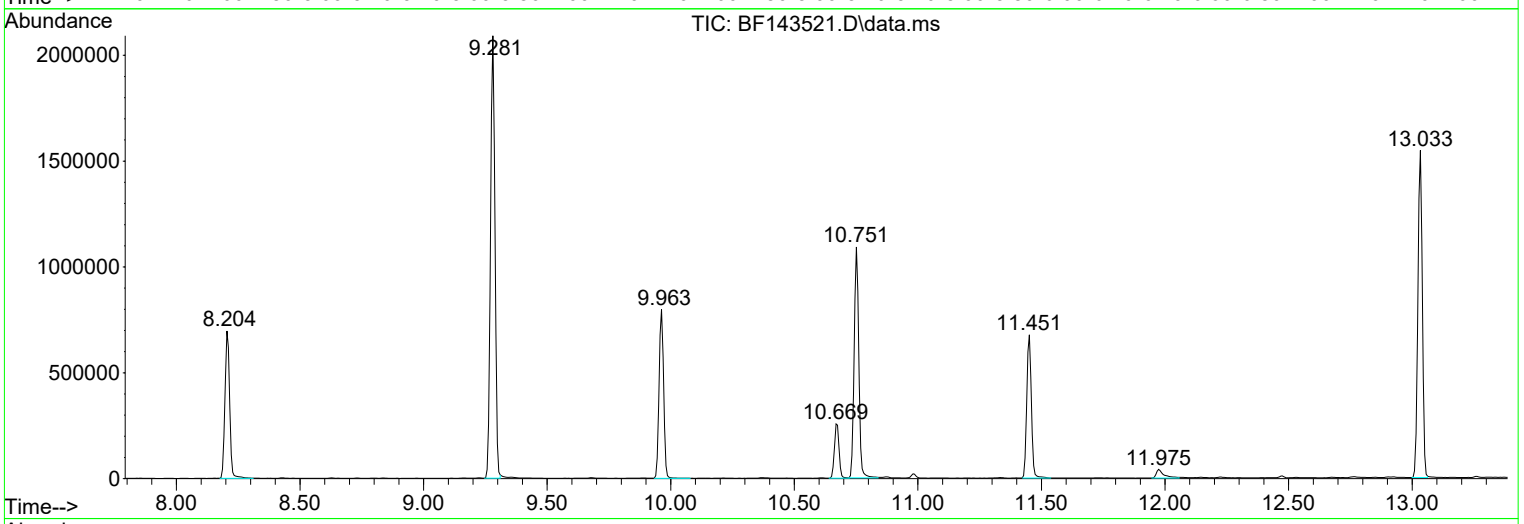
ALS Vial : 5 Sample Multiplier: 1

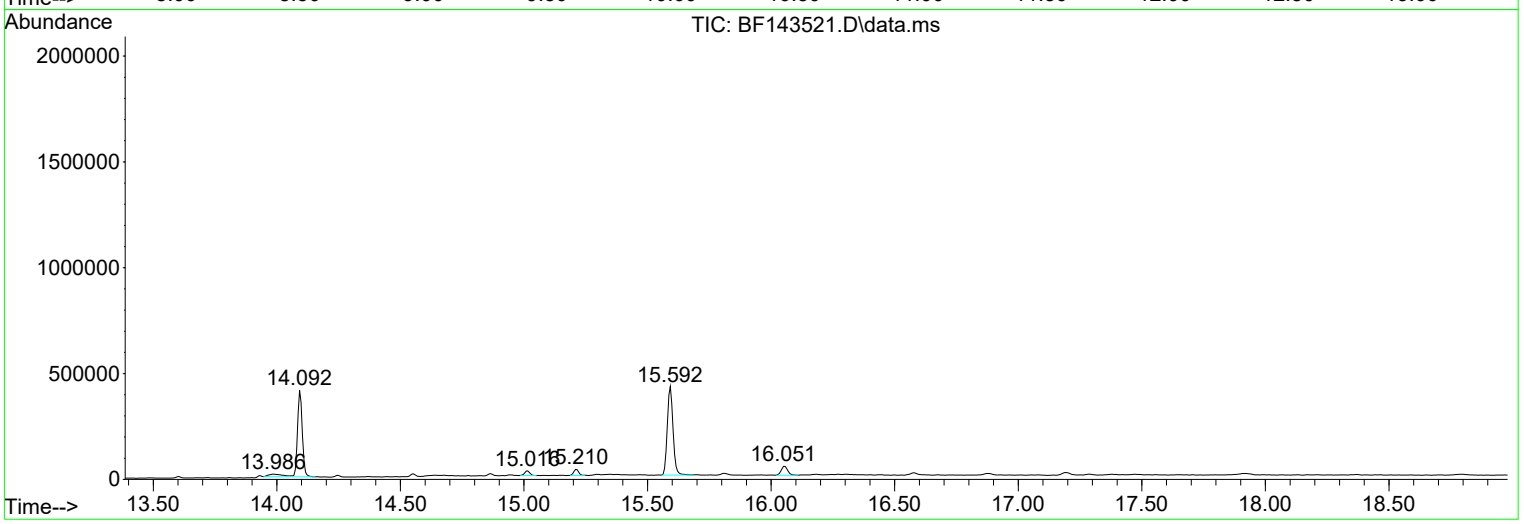
Instrument :
BNA_F
ClientSampleId :
10PC-S

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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TIC Library : C:\Database\NIST20.L
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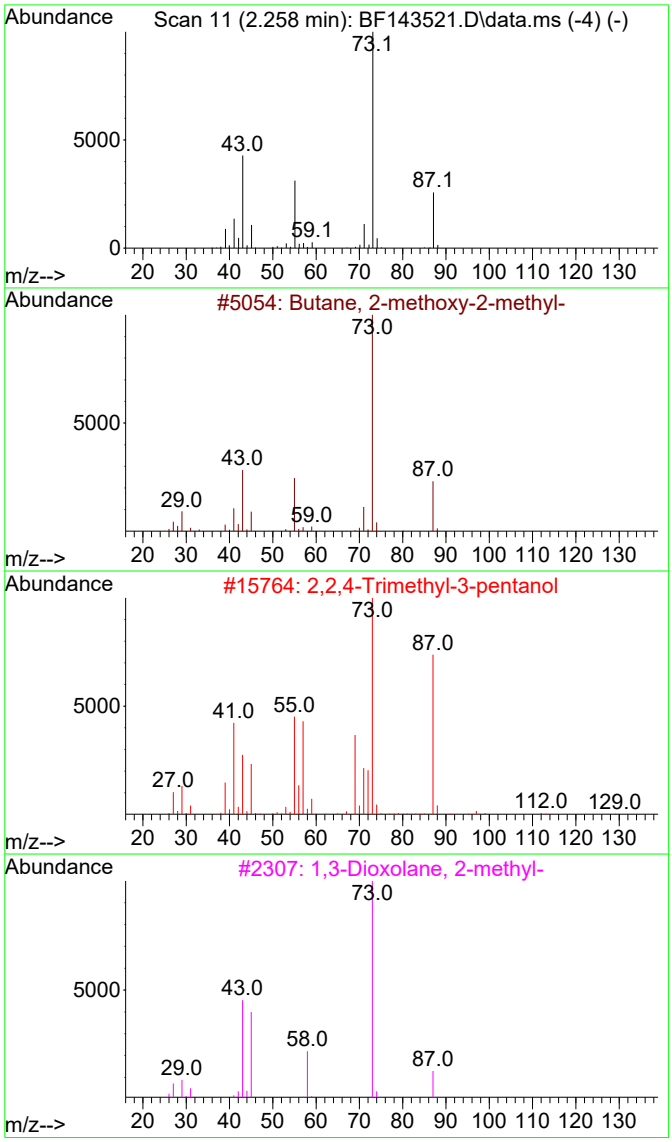
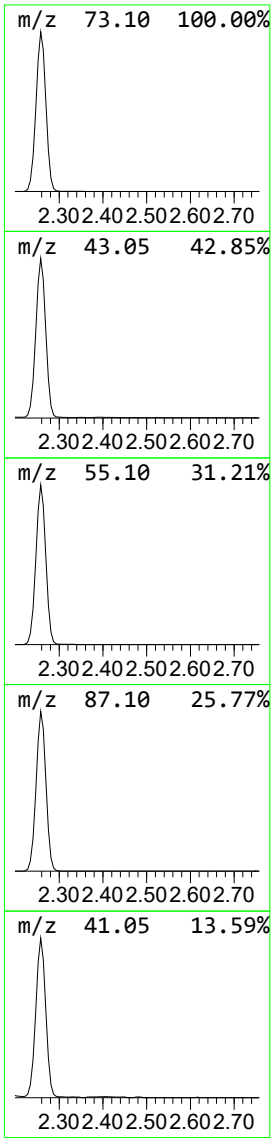
****
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.258	36.67 ng	1277540	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	39
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	37
4	Octanal, 7-methoxy-3,7-dimethyl-	186	C11H22O2	003613-30-7	17
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12





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

TIC Library : C:\Database\NIST20.L
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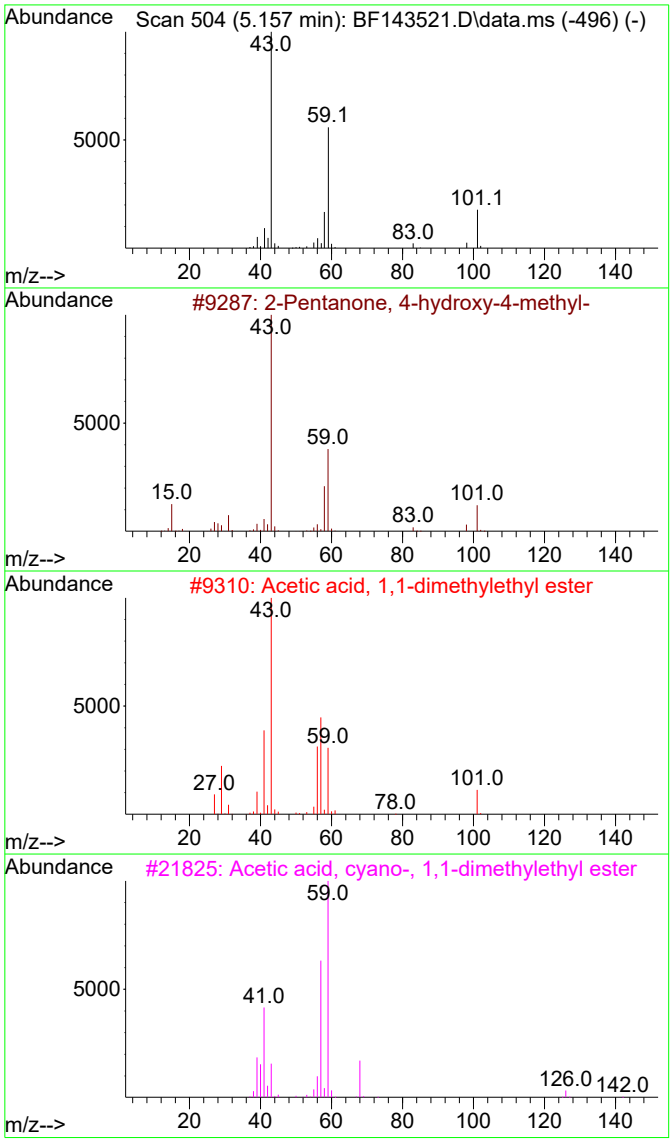
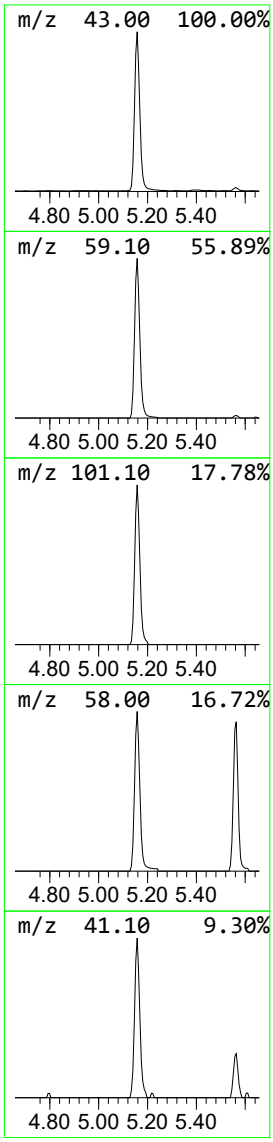
****
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.157	6.18 ng	215372	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, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	28
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





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Operator : RC/JU
Sample : Q2820-12
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
10PC-S

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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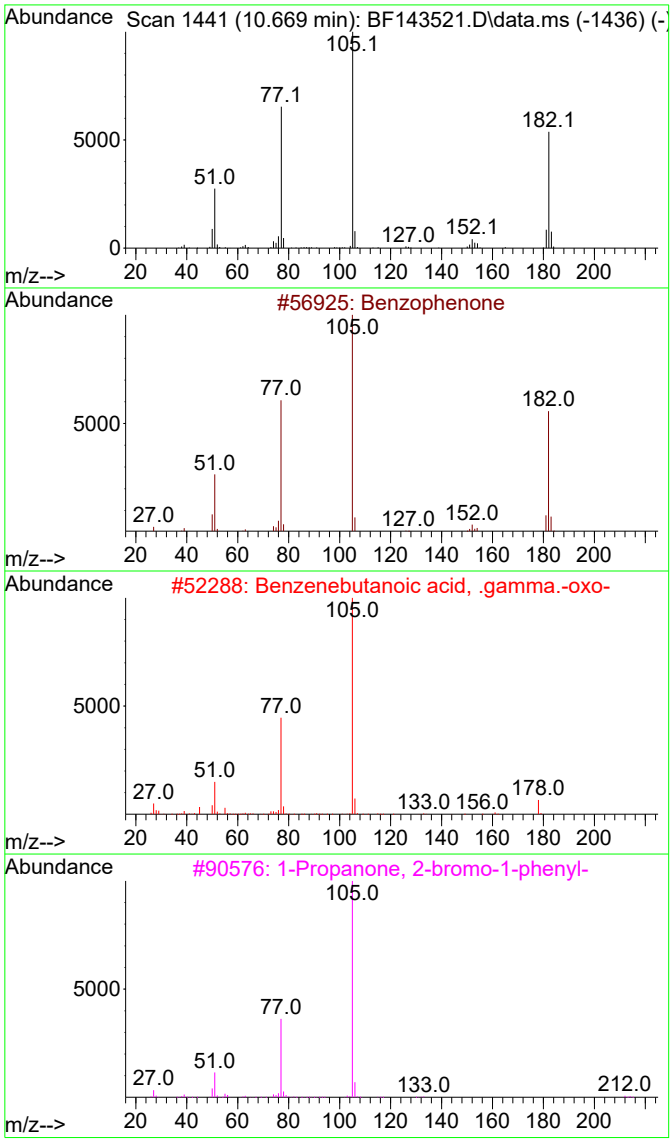
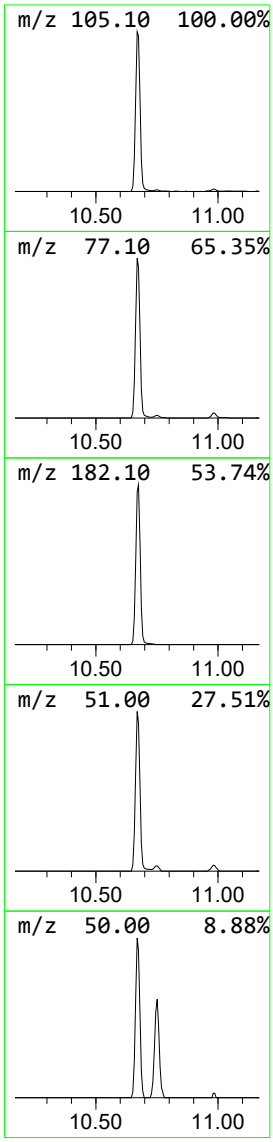
Peak Number 3 Benzophenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.669	6.69 ng	333715	Acenaphthene-d10	9.963

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Benzenebutanoic acid, .gamma.-oxo-	178	C10H10O3	002051-95-8	47
3	1-Propanone, 2-bromo-1-phenyl-	212	C9H9BrO	002114-00-3	47
4	Disulfide, dibenzoyl	274	C14H10O2S2	000644-32-6	47
5	Vinyl benzoate	148	C9H8O2	000769-78-8	47





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Sample : Q2820-12
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
10PC-S

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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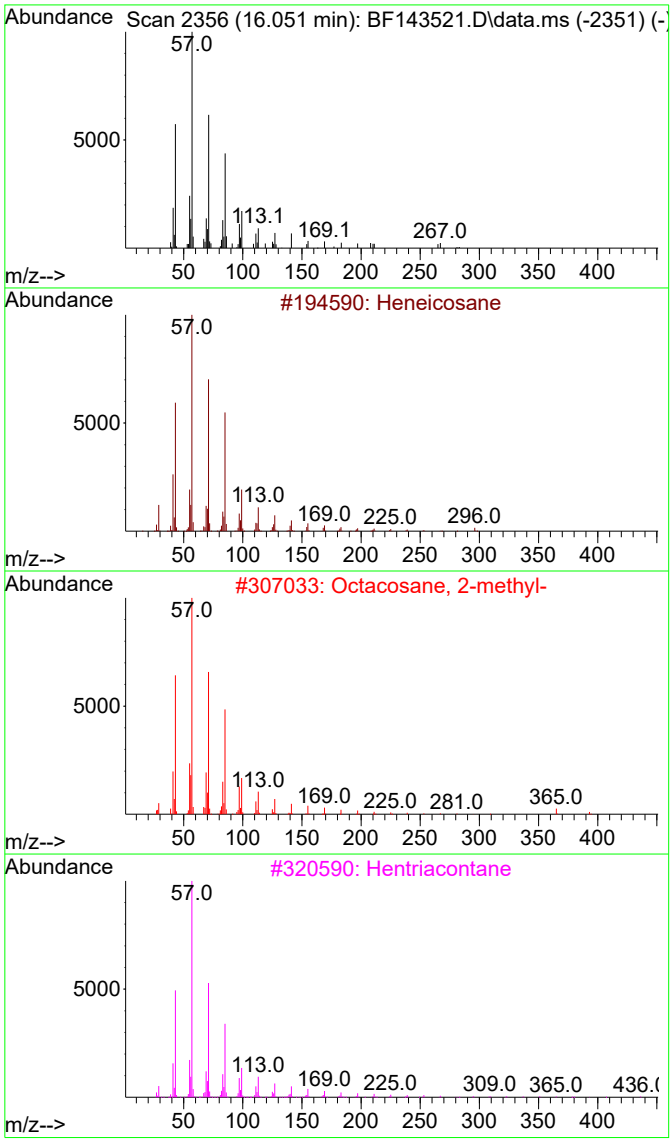
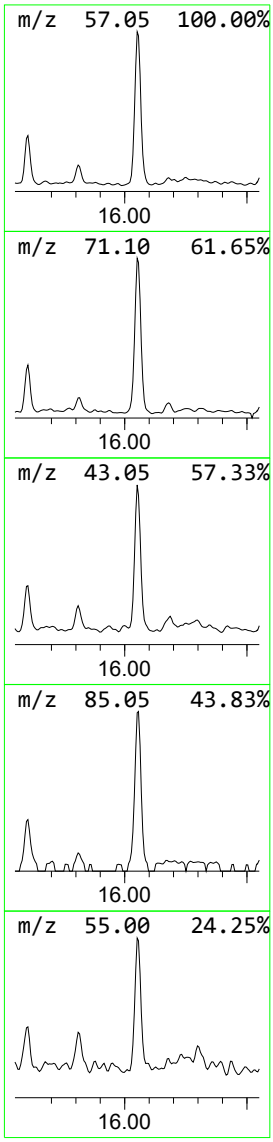
Peak Number 4 Heneicosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.051	2.20 ng	74782	Perylene-d12	15.592

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Octacosane, 2-methyl-	408	C29H60	001560-98-1	91
3	Hentriacontane	437	C31H64	000630-04-6	91
4	Heptacosane	380	C27H56	000593-49-7	91
5	Tetratetracontane	619	C44H90	007098-22-8	91





Tentatively Identified Compound (LSC) summary

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

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...	2.258	36.7	ng	1277540	1	6.928	696855	20.0
2-Pentanone, 4-...	5.157	6.2	ng	215372	1	6.928	696855	20.0
Benzophenone	10.669	6.7	ng	333715	3	9.963	997610	20.0
Heneicosane	16.051	2.2	ng	74782	6	15.592	680946	20.0