LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082125\
Data File : BF143526.D
Acq On : 21 Aug 2025 13:15
Operator : RC/JU
Sample : Q2819-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 11M-E

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: BF143526.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.263	5	12	21	rVB	293895	460051	20.18%	2.352%
2	5.151	498	503	515	rBV	175846	256776	11.26%	1.313%
3	5.563	567	573	595	rBV	1105965	1519041	66.63%	7.766%
4	6.557	736	742	766	rBV	1254058	1659948	72.81%	8.487%
5	6.922	799	804	820	rVB	559672	724780	31.79%	3.706%
6	7.481	894	899	911	rBV	783130	1009644	44.29%	5.162%
7	8.204	1017	1022	1042	rBV	713313	930844	40.83%	4.759%
8	9.281	1199	1205	1215	rBV	1813404	2279734	100.00%	11.656%
9	9.598	1254	1259	1268	rBV2	68362	118432	5.19%	0.606%
10	9.675	1268	1272	1276	rVB	25068	29921	1.31%	0.153%
11	9.963	1315	1321	1332	rBV	797886	1018428	44.67%	5.207%
12	10.363	1384	1389	1397	rVB4	27775	38913	1.71%	0.199%
13	10.669	1437	1441	1447	rVB	209077	264676	11.61%	1.353%
14	10.751	1450	1455	1461	rVV	1254697	1612946	70.75%	8.246%
15	10.804	1461	1464	1472	rVB	31619	47840	2.10%	0.245%
16	10.981	1490	1494	1501	rVB	36985	46814	2.05%	0.239%
17	11.451	1568	1574	1583	rBV2	651902	1023667	44.90%	5.234%
18	11.528	1583	1587	1591	rVB	18513	25277	1.11%	0.129%
19	11.980	1654	1664	1670	rBV2	38829	89576	3.93%	0.458%
20	12.069	1674	1679	1687	rVB2	32536	63934	2.80%	0.327%
21	12.663	1775	1780	1784	rBV	234190	313358	13.75%	1.602%
22	12.692	1784	1785	1790	rVB	59999	60173	2.64%	0.308%
23	12.851	1808	1812	1815	rBV	118192	153719	6.74%	0.786%
24	12.892	1815	1819	1824	rVB	171908	241965	10.61%	1.237%
25	13.033	1837	1843	1850	rBV	1613515	2071674	90.87%	10.592%
26	13.110	1851	1856	1864	rVB4	14031	28760	1.26%	0.147%
27	13.222	1868	1875	1879	rBV	27172	48470	2.13%	0.248%
28	13.416	1904	1908	1912	rVB2	33127	39801	1.75%	0.203%
29	13.469	1912	1917	1927	rBV2	91412	163826	7.19%	0.838%
30	13.557	1927	1932	1936	rVB	80987	105676	4.64%	0.540%
31	13.722	1954	1960	1966	rBV2	36097	75010	3.29%	0.384%
32	13.845	1976	1981	1983	rBV3	18746	29401	1.29%	0.150%
33	13.980	2001	2004	2014	rVB5	17453	45159	1.98%	0.231%
34	14.092	2015	2023	2035	rVB2	533962	938830	41.18%	4.800%
35	14.551	2098	2101	2107	rVB3	22334	29063	1.27%	0.149%
36	14.610	2108	2111	2118	rBV7	19344	42410	1.86%	0.217%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082125\
Data File : BF143526.D
Acq On : 21 Aug 2025 13:15
Operator : RC/JU
Sample : Q2819-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
11M-E

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

37	14.863	2151	2154	2160	rVB	17658	24328	1.07%	0.124%
38	15.016	2177	2180	2184	rVB2	24478	30302	1.33%	0.155%
39	15.151	2198	2203	2210	rBV	122317	276544	12.13%	1.414%
40	15.210	2210	2213	2219	rVB2	57964	86422	3.79%	0.442%
41	15.463	2251	2256	2262	rVB	71426	110881	4.86%	0.567%
42	15.527	2262	2267	2272	rBV	85780	133145	5.84%	0.681%
43	15.592	2272	2278	2293	rVB	480639	813096	35.67%	4.157%
44	15.816	2313	2316	2324	rVB7	16814	31352	1.38%	0.160%
45	16.051	2351	2356	2363	rBV	47358	88014	3.86%	0.450%
46	17.115	2532	2537	2545	rBV2	42380	87979	3.86%	0.450%
47	17.286	2561	2566	2576	rBV5	36210	77420	3.40%	0.396%
48	17.468	2592	2597	2605	rVB6	20317	49643	2.18%	0.254%
49	17.580	2610	2616	2624	rVB	29160	66914	2.94%	0.342%
50	17.798	2648	2653	2663	rBV7	27144	74648	3.27%	0.382%

Sum of corrected areas: 19559225

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082125\
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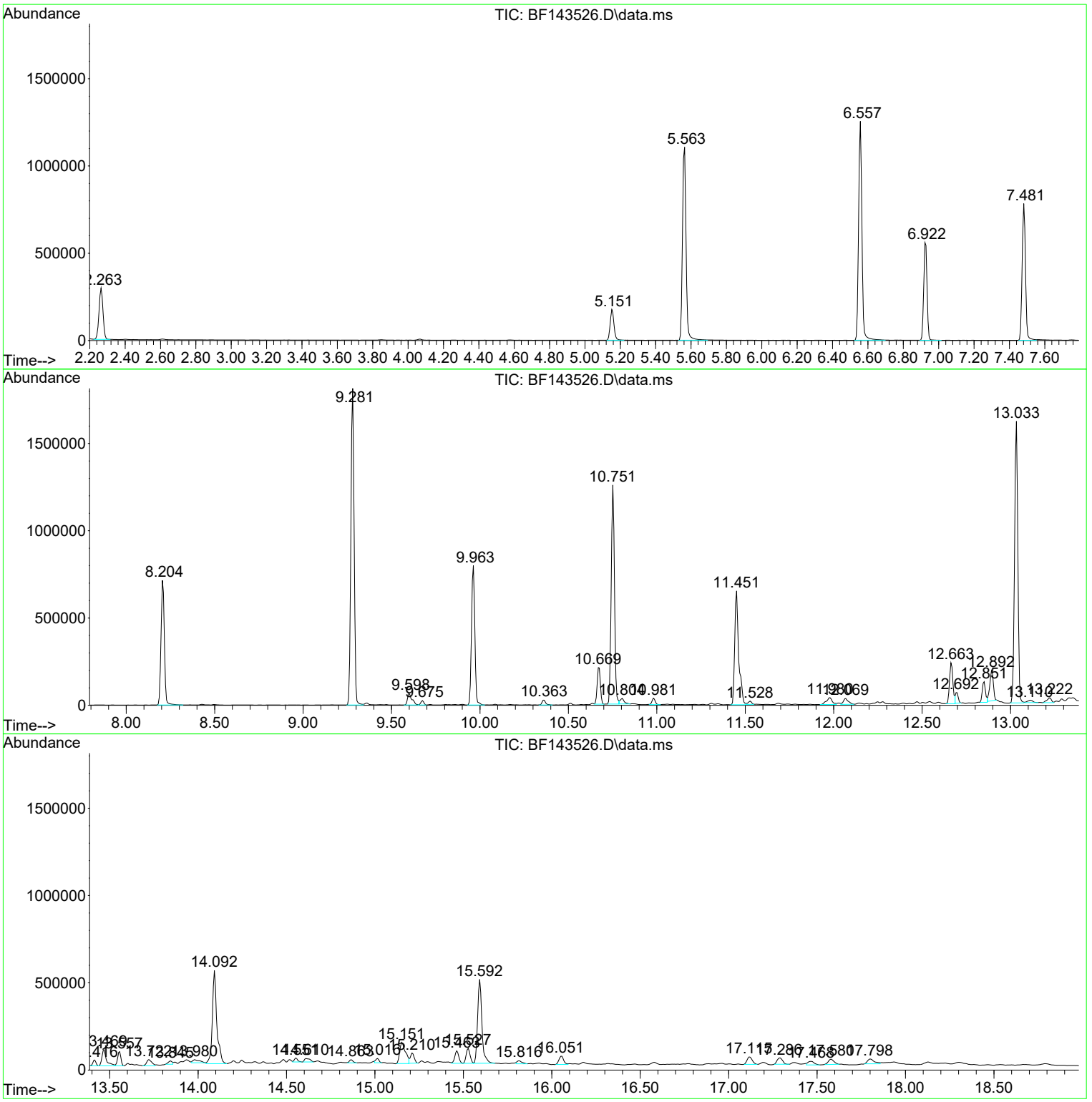
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
11M-E

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082125\
Data File : BF143526.D
Acq On : 21 Aug 2025 13:15
Operator : RC/JU
Sample : Q2819-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
11M-E

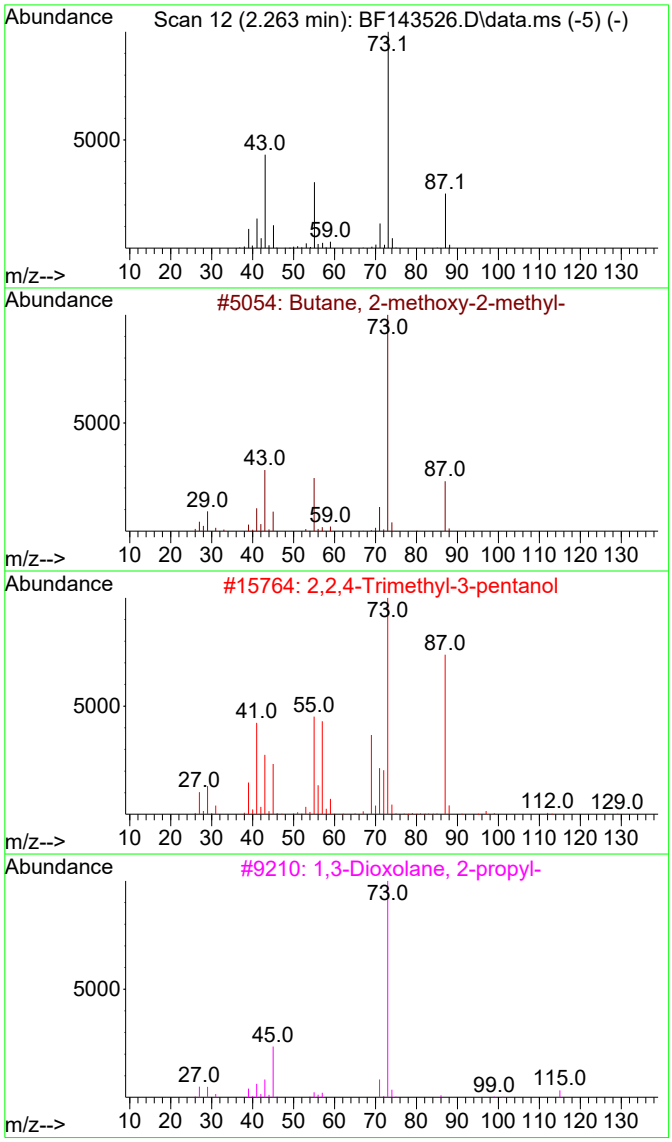
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

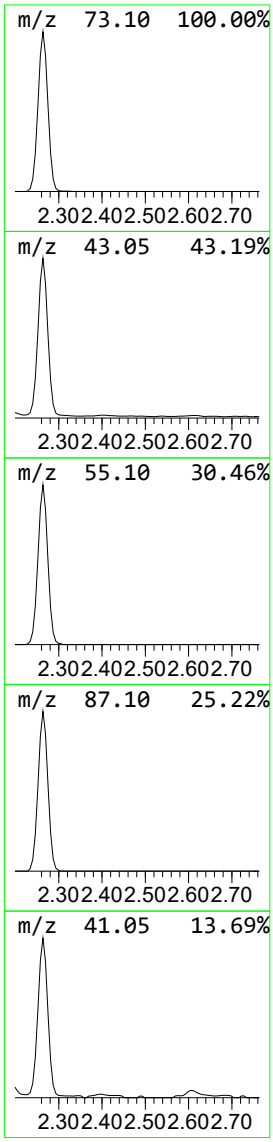
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.263	12.69 ng	460051	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-propyl-	116	C6H12O2	003390-13-4	23
4	Octanal, 7-methoxy-3,7-dimethyl-	186	C11H22O2	003613-30-7	17
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082125\
Data File : BF143526.D
Acq On : 21 Aug 2025 13:15
Operator : RC/JU
Sample : Q2819-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
11M-E

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

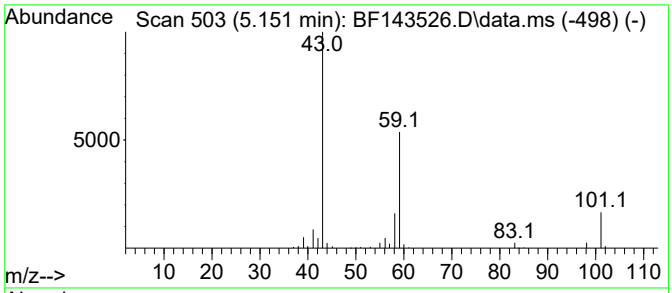
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

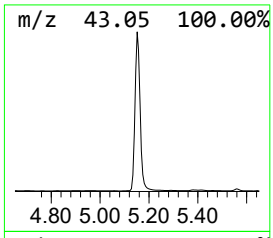
****

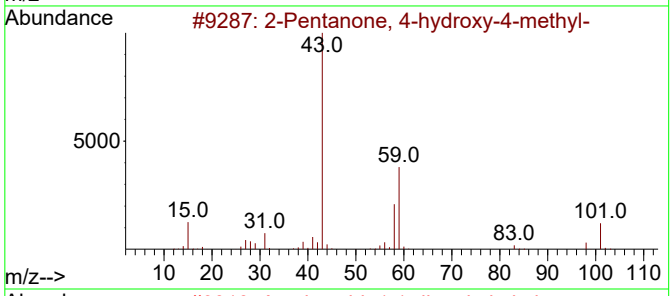
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 2

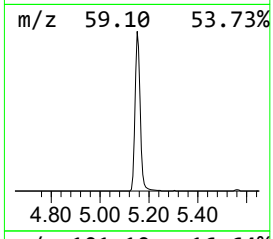
R.T.	EstConc	Area	Relative to ISTD	R.T.
5.151	7.09 ng	256776	1,4-Dichlorobenzene-d4	6.928

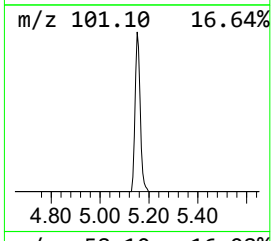
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	28
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	10
5	2-Propanone, 1-(1-methylethoxy)-	116	C6H12O2	042781-12-4	9

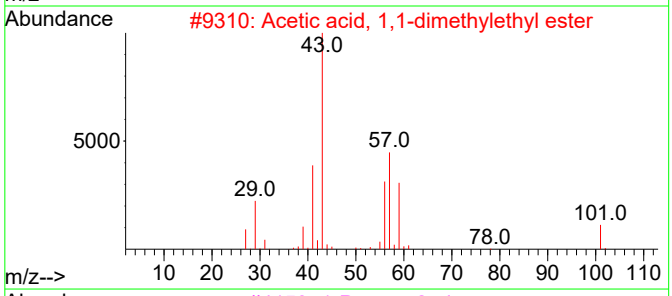


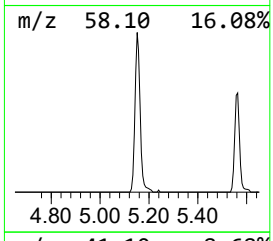


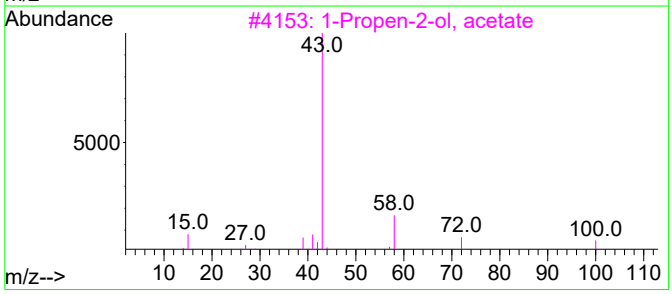


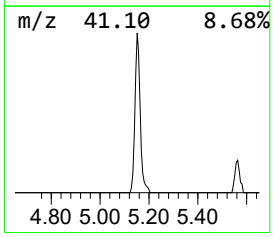












Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082125\
Data File : BF143526.D
Acq On : 21 Aug 2025 13:15
Operator : RC/JU
Sample : Q2819-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
11M-E

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

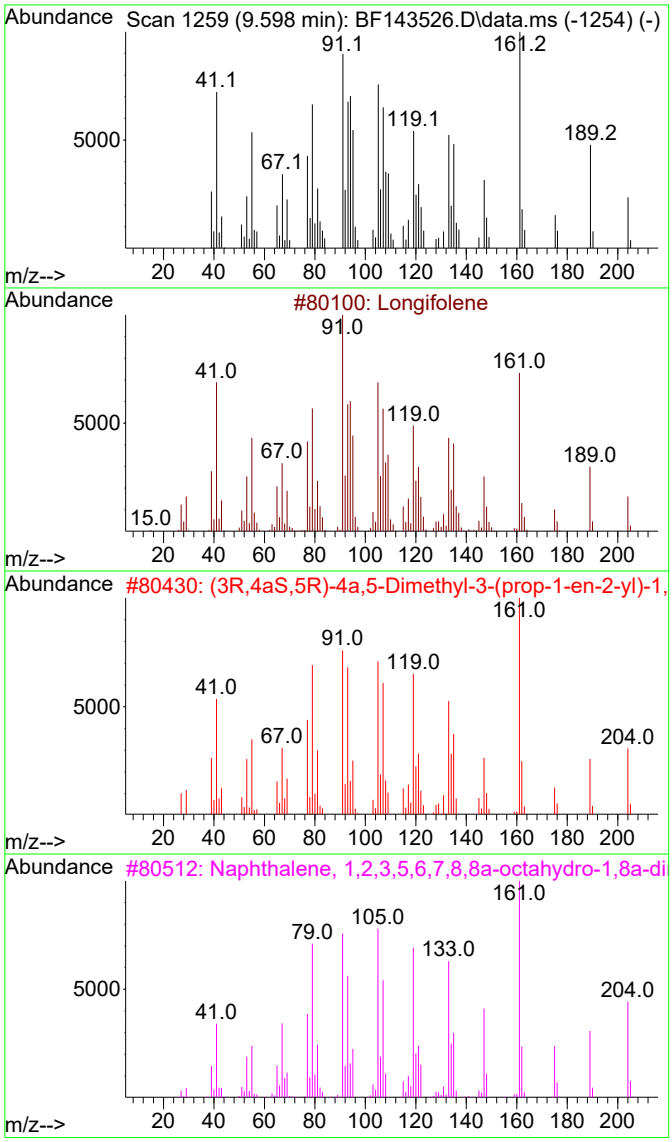
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

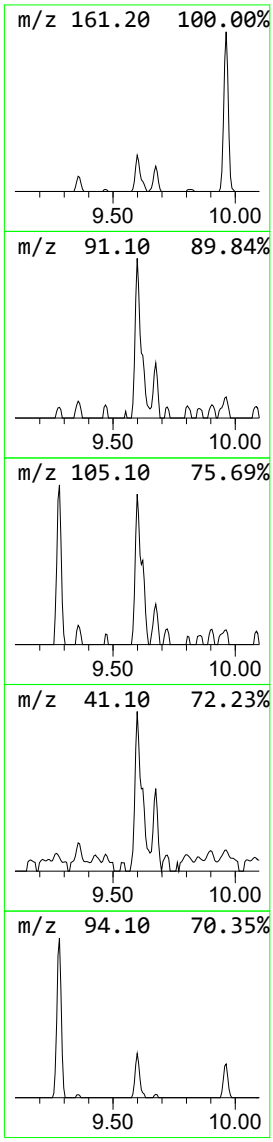
****

Peak Number 3 Longifolene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.598	2.33 ng	118432	Acenaphthene-d10	9.963

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Longifolene	204	C15H24	000475-20-7	99
2	(3R,4aS,5R)-4a,5-Dimethyl-3-(pro...	204	C15H24	024741-64-8	97
3	Naphthalene, 1,2,3,5,6,7,8,8a-oc...	204	C15H24	004630-07-3	92
4	1H-Cyclopropa[a]naphthalene, dec...	204	C15H24	020071-49-2	92
5	Azulene, 1,2,3,5,6,7,8,8a-octahy...	204	C15H24	003691-11-0	91





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Data File : BF143526.D
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Sample : Q2819-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
11M-E

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

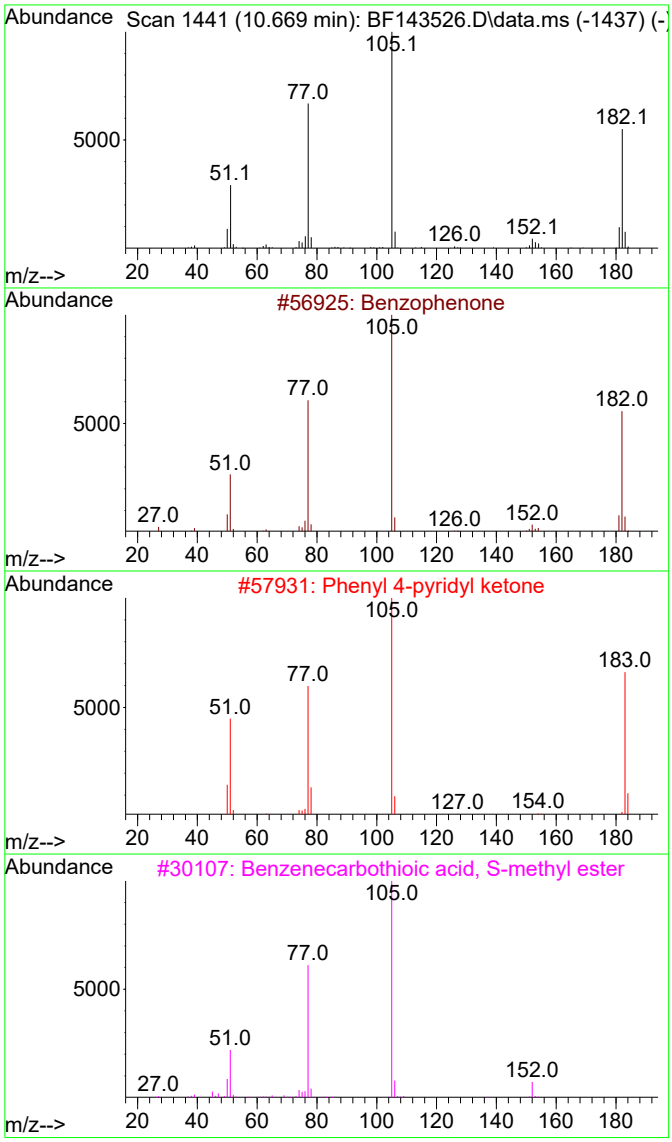
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

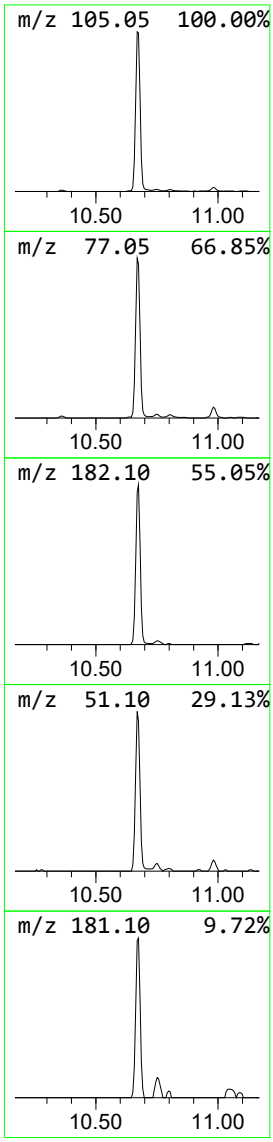
****

Peak Number 4 Benzophenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.669	5.20 ng	264676	Acenaphthene-d10	9.963

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Phenyl 4-pyridyl ketone	183	C12H9NO	014548-46-0	49
3	Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	49
4	Pentafluoroethyl phenyl ketone	224	C9H5F5O	000394-52-5	47
5	Benzenebutanoic acid, .gamma.-oxo-	178	C10H10O3	002051-95-8	47





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Data File : BF143526.D
Acq On : 21 Aug 2025 13:15
Operator : RC/JU
Sample : Q2819-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
11M-E

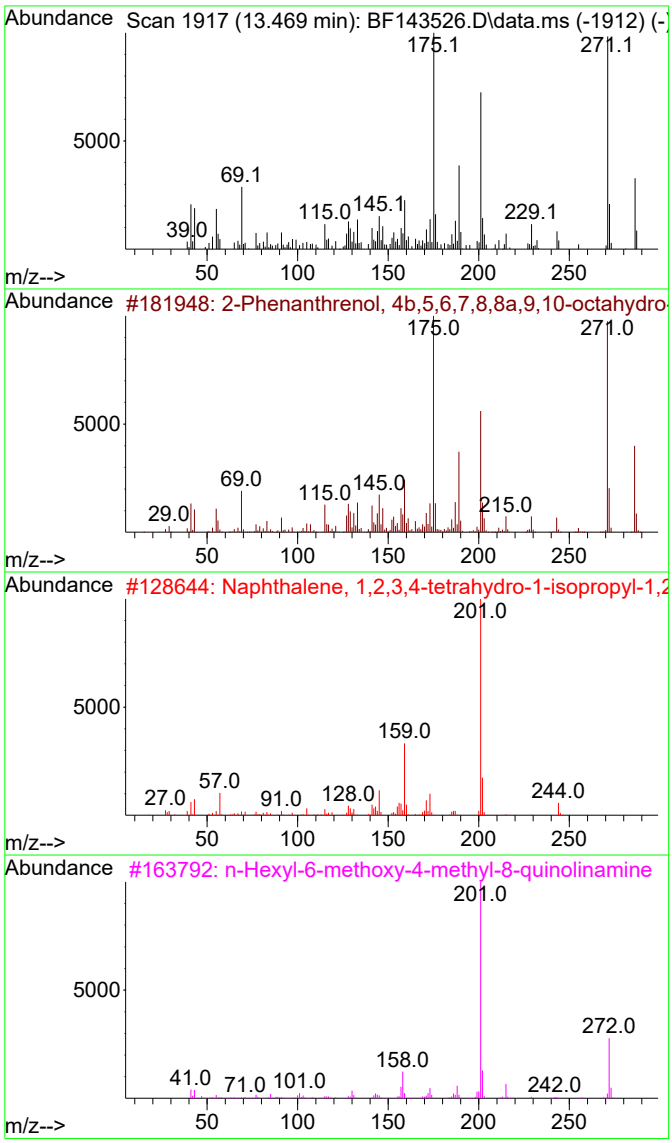
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

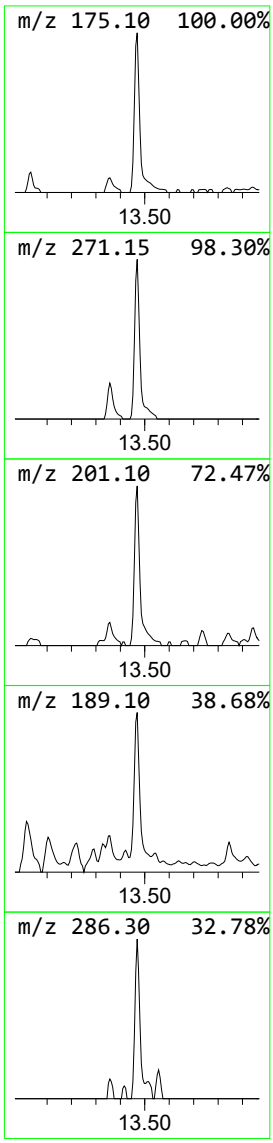
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 2-Phenanthrenol, 4b,5,6,7,8... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.469	3.49 ng	163826	Chrysene-d12	14.092

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Phenanthrenol, 4b,5,6,7,8,8a,9...	286	C20H30O	000511-15-9	99
2	Naphthalene, 1,2,3,4-tetrahydro-...	244	C18H28	029577-17-1	44
3	n-Hexyl-6-methoxy-4-methyl-8-qui...	272	C17H24N2O	083547-16-4	25
4	Crinan-1-one	271	C16H17NO3	098301-98-5	22
5	6H-dibenzo[b,d]pyran-6,9(8H)-dio...	271	C16H17NO3	1000397-00-0	18





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082125\
Data File : BF143526.D
Acq On : 21 Aug 2025 13:15
Operator : RC/JU
Sample : Q2819-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
11M-E

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

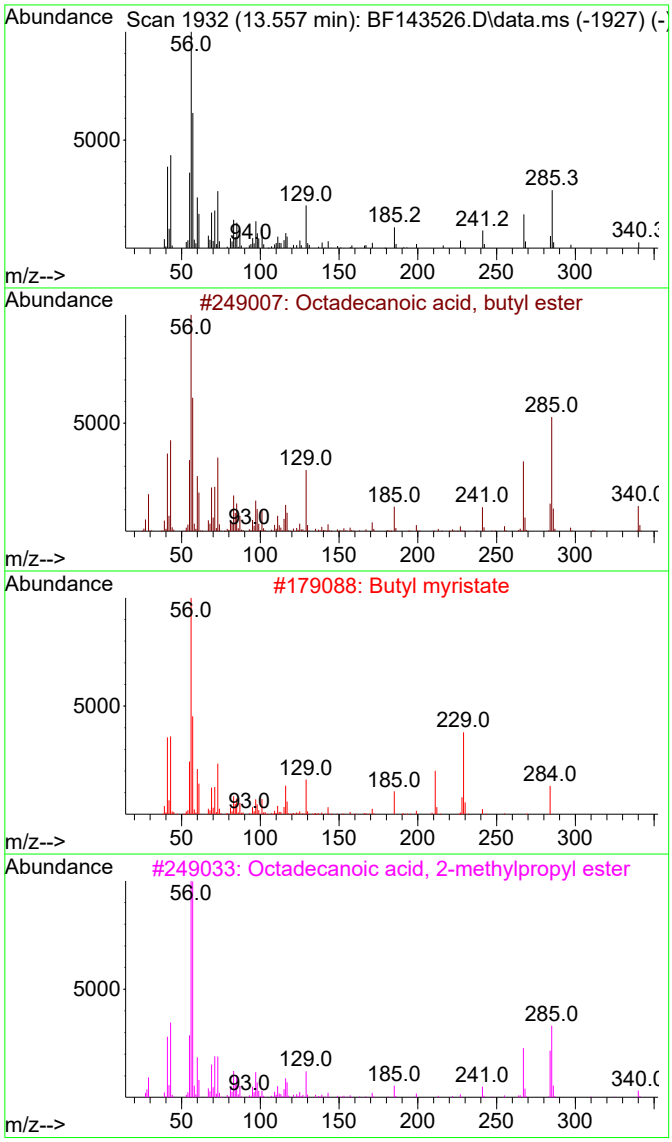
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

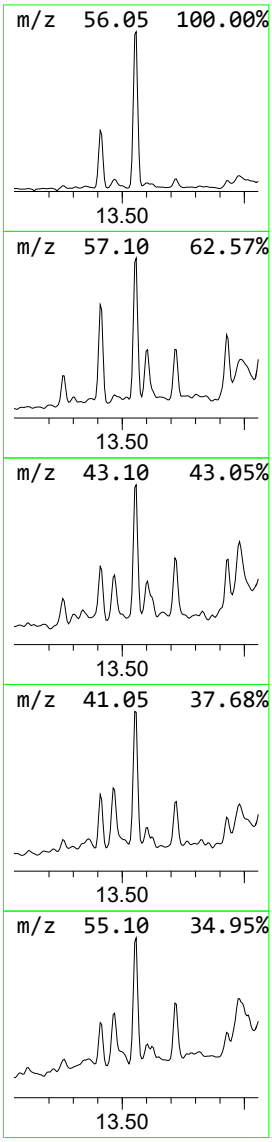
****

Peak Number 6 Octadecanoic acid, butyl ester Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.557	2.25 ng	105676	Chrysene-d12	14.092

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	91
2	Butyl myristate	284	C18H36O2	000110-36-1	64
3	Octadecanoic acid, 2-methylpropy...	340	C22H44O2	000646-13-9	46
4	1-Hexene, 2-methyl-	98	C7H14	006094-02-6	27
5	1-Hexene, 2,5-dimethyl-	112	C8H16	006975-92-4	27





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082125\
Data File : BF143526.D
Acq On : 21 Aug 2025 13:15
Operator : RC/JU
Sample : Q2819-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
11M-E

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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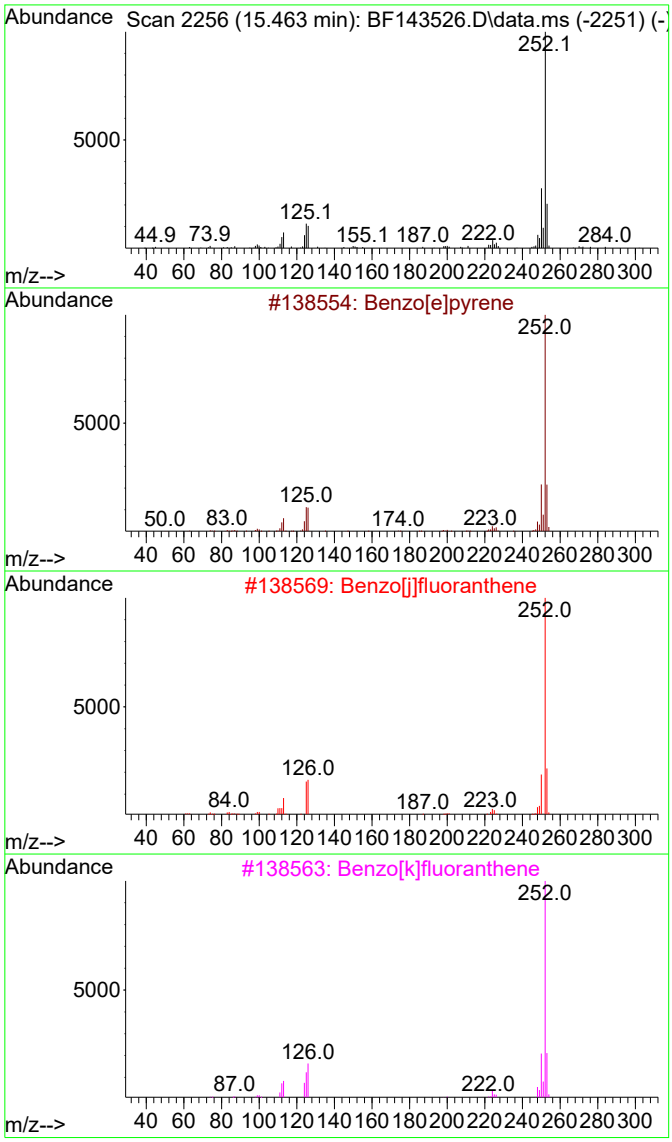
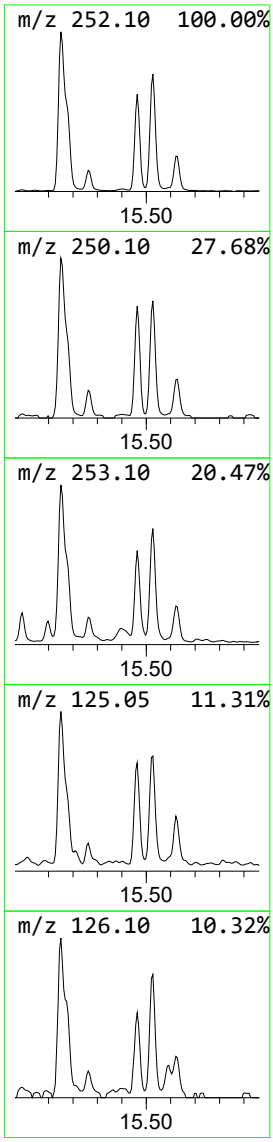
Peak Number 7 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.463	2.73 ng	110881	Perylene-d12	15.592

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	94
2	Benzo[j]fluoranthene	252	C20H12	000205-82-3	93
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
4	Benzo[a]pyrene	252	C20H12	000050-32-8	91
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082125\
Data File : BF143526.D
Acq On : 21 Aug 2025 13:15
Operator : RC/JU
Sample : Q2819-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
11M-E

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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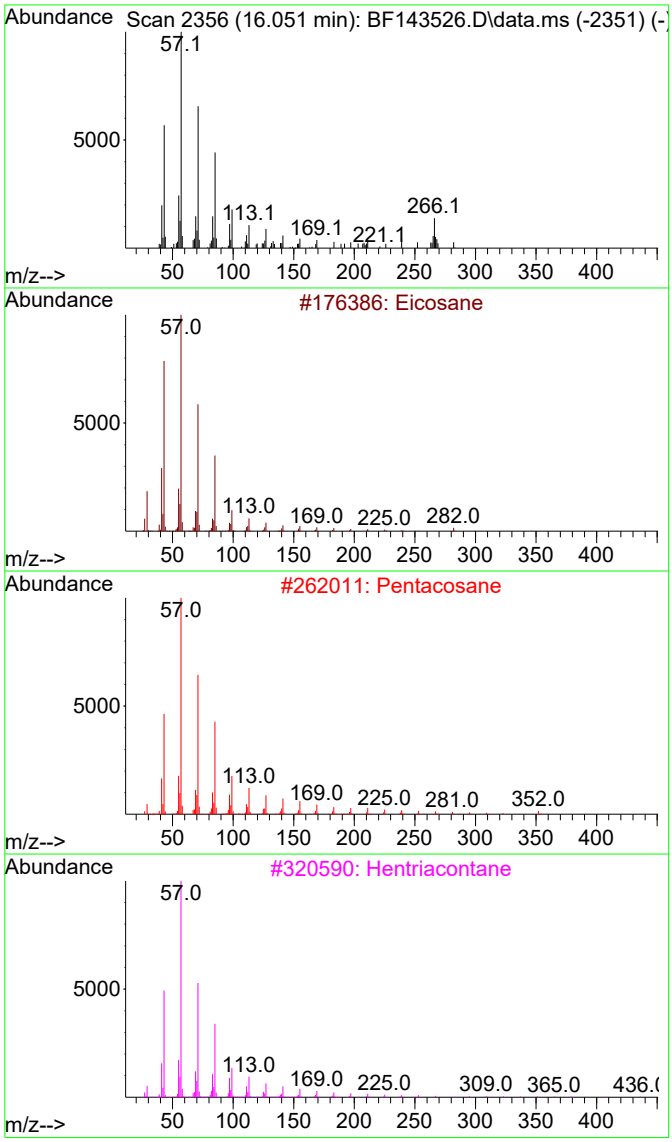
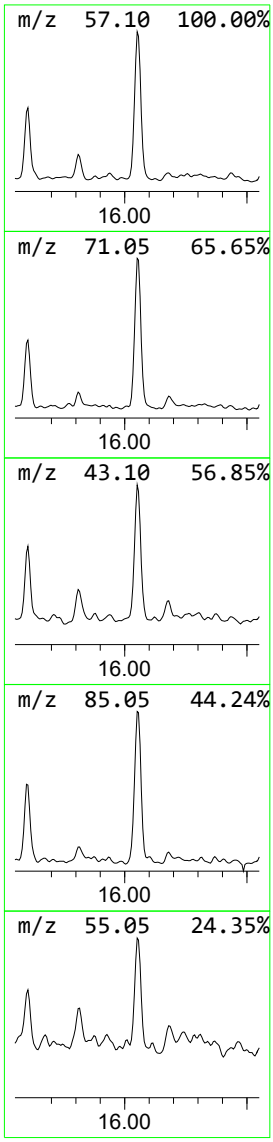
Peak Number 8 Eicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.051	2.16 ng	88014	Perylene-d12	15.592

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	95
2	Pentacosane	352	C25H52	000629-99-2	87
3	Hentriacontane	437	C31H64	000630-04-6	87
4	Tetratetracontane	619	C44H90	007098-22-8	87
5	Pentadecane, 7-(bromomethyl)-	304	C16H33Br	052997-43-0	83





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082125\
Data File : BF143526.D
Acq On : 21 Aug 2025 13:15
Operator : RC/JU
Sample : Q2819-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
11M-E

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-metho...	2.263	12.7	ng	460051	1	6.928	724780	20.0
2-Pentanone, 4-...	5.151	7.1	ng	256776	1	6.928	724780	20.0
Longifolene	9.598	2.3	ng	118432	3	9.963	1018430	20.0
Benzophenone	10.669	5.2	ng	264676	3	9.963	1018430	20.0
2-Phenanthrenol...	13.469	3.5	ng	163826	5	14.092	938830	20.0
Octadecanoic ac...	13.557	2.3	ng	105676	5	14.092	938830	20.0
Benzo[e]pyrene	15.463	2.7	ng	110881	6	15.592	813096	20.0
Eicosane	16.051	2.2	ng	88014	6	15.592	813096	20.0