LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101025\
Data File : BF143926.D
Acq On : 10 Oct 2025 15:51
Operator : RC/JU
Sample : Q3321-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P001-DS-01

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-BF100625.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF143926.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.293	180	187	195	rBV	27420	60337	2.87%	0.229%
2	3.393	195	204	216	rVB4	11512	29545	1.41%	0.112%
3	5.093	483	493	500	rBV2	22717	47765	2.27%	0.182%
4	5.493	554	561	573	rBV	1282180	1789803	85.16%	6.802%
5	5.587	573	577	584	rVB	18832	26575	1.26%	0.101%
6	6.434	713	721	725	rBV2	17402	32528	1.55%	0.124%
7	6.498	727	732	743	rVV	1279459	1762583	83.87%	6.698%
8	6.593	743	748	752	rVV	80054	103732	4.94%	0.394%
9	6.651	752	758	762	rVV	18253	26368	1.25%	0.100%
10	6.710	762	768	772	rVB3	11506	21641	1.03%	0.082%
11	6.881	792	797	803	rBV	545385	670684	31.91%	2.549%
12	6.940	803	807	814	rBV4	12012	21425	1.02%	0.081%
13	7.281	858	865	869	rBV2	20373	30209	1.44%	0.115%
14	7.440	886	892	897	rBV	836498	1069508	50.89%	4.064%
15	7.693	931	935	944	rVB	18476	29268	1.39%	0.111%
16	8.098	996	1004	1009	rBV10	11778	23378	1.11%	0.089%
17	8.163	1009	1015	1022	rBV	658308	857191	40.79%	3.258%
18	8.322	1037	1042	1049	rBV2	61046	109113	5.19%	0.415%
19	8.416	1054	1058	1063	rVV	74903	94982	4.52%	0.361%
20	8.469	1063	1067	1077	rVB3	28715	70035	3.33%	0.266%
21	8.587	1082	1087	1092	rBV2	128954	161528	7.69%	0.614%
22	8.751	1109	1115	1124	rVB7	13875	32116	1.53%	0.122%
23	8.875	1129	1136	1141	rVB5	20563	43708	2.08%	0.166%
24	8.934	1141	1146	1150	rVB	56305	67257	3.20%	0.256%
25	9.239	1192	1198	1203	rBV	1226312	1562479	74.35%	5.938%
26	9.316	1208	1211	1219	rVB2	16355	26199	1.25%	0.100%
27	9.575	1250	1255	1258	rBV	16586	26184	1.25%	0.100%
28	9.775	1285	1289	1294	rBV	13957	22041	1.05%	0.084%
29	9.845	1297	1301	1305	rBV	17406	23423	1.11%	0.089%
30	9.922	1305	1314	1318	rVV	682523	894837	42.58%	3.401%
31	9.951	1318	1319	1323	rVB	55335	47904	2.28%	0.182%
32	10.081	1335	1341	1344	rBV6	18774	35272	1.68%	0.134%
33	10.122	1344	1348	1352	rVV2	34243	52974	2.52%	0.201%
34	10.275	1370	1374	1378	rVB	33119	41534	1.98%	0.158%
35	10.334	1379	1384	1392	rBV2	45820	81124	3.86%	0.308%
36	10.469	1402	1407	1412	rVB	45725	60728	2.89%	0.231%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101025\
Data File : BF143926.D
Acq On : 10 Oct 2025 15:51
Operator : RC/JU
Sample : Q3321-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-DS-01

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-BF100625.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	10.633	1430	1435	1442	rVB	194378	248447	11.82%	0.944%
38	10.710	1442	1448	1462	rBV	724831	979697	46.62%	3.723%
39	10.833	1463	1469	1476	rVV3	37352	75963	3.61%	0.289%
40	11.016	1494	1500	1503	rBV5	21803	43098	2.05%	0.164%
41	11.216	1530	1534	1538	rBV	26054	36598	1.74%	0.139%
42	11.269	1539	1543	1547	rVV4	49087	78051	3.71%	0.297%
43	11.304	1547	1549	1555	rVB	32410	41826	1.99%	0.159%
44	11.410	1562	1567	1570	rBV	615670	954134	45.40%	3.626%
45	11.433	1570	1571	1576	rVV	485629	423496	20.15%	1.609%
46	11.486	1576	1580	1583	rVV	96139	117312	5.58%	0.446%
47	11.586	1593	1597	1601	rBV	57472	73761	3.51%	0.280%
48	11.639	1601	1606	1613	rBV2	60932	120045	5.71%	0.456%
49	11.704	1614	1617	1621	rBV2	27519	37452	1.78%	0.142%
50	11.869	1642	1645	1648	rBV4	22869	32683	1.56%	0.124%
51	11.939	1649	1657	1663	rBV2	531611	847122	40.31%	3.219%
52	12.028	1668	1672	1678	rVV2	114785	219546	10.45%	0.834%
53	12.075	1678	1680	1683	rVB	42056	46214	2.20%	0.176%
54	12.210	1700	1703	1705	rBV	45676	58543	2.79%	0.222%
55	12.627	1769	1774	1786	rBV	1018004	1497035	71.23%	5.689%
56	12.722	1787	1790	1794	rBV	153458	236614	11.26%	0.899%
57	12.857	1807	1813	1819	rBV	910000	1429556	68.02%	5.433%
58	12.998	1833	1837	1844	rVB	993794	1364381	64.92%	5.185%
59	13.286	1884	1886	1890	rVB2	70687	78270	3.72%	0.297%
60	13.904	1988	1991	1998	rVB2	213825	332966	15.84%	1.265%
61	14.057	2010	2017	2020	rBV3	1023037	2101643	100.00%	7.987%
62	15.116	2191	2197	2205	rBV	684228	1630145	77.57%	6.195%
63	15.421	2244	2249	2254	rVB	343263	576145	27.41%	2.190%
64	15.480	2255	2259	2265	rVV	460030	725135	34.50%	2.756%
65	15.545	2266	2270	2285	rVB2	451166	997888	47.48%	3.792%
66	17.039	2519	2524	2533	rVB2	223259	469512	22.34%	1.784%
67	17.492	2596	2601	2613	rVB	173537	384148	18.28%	1.460%

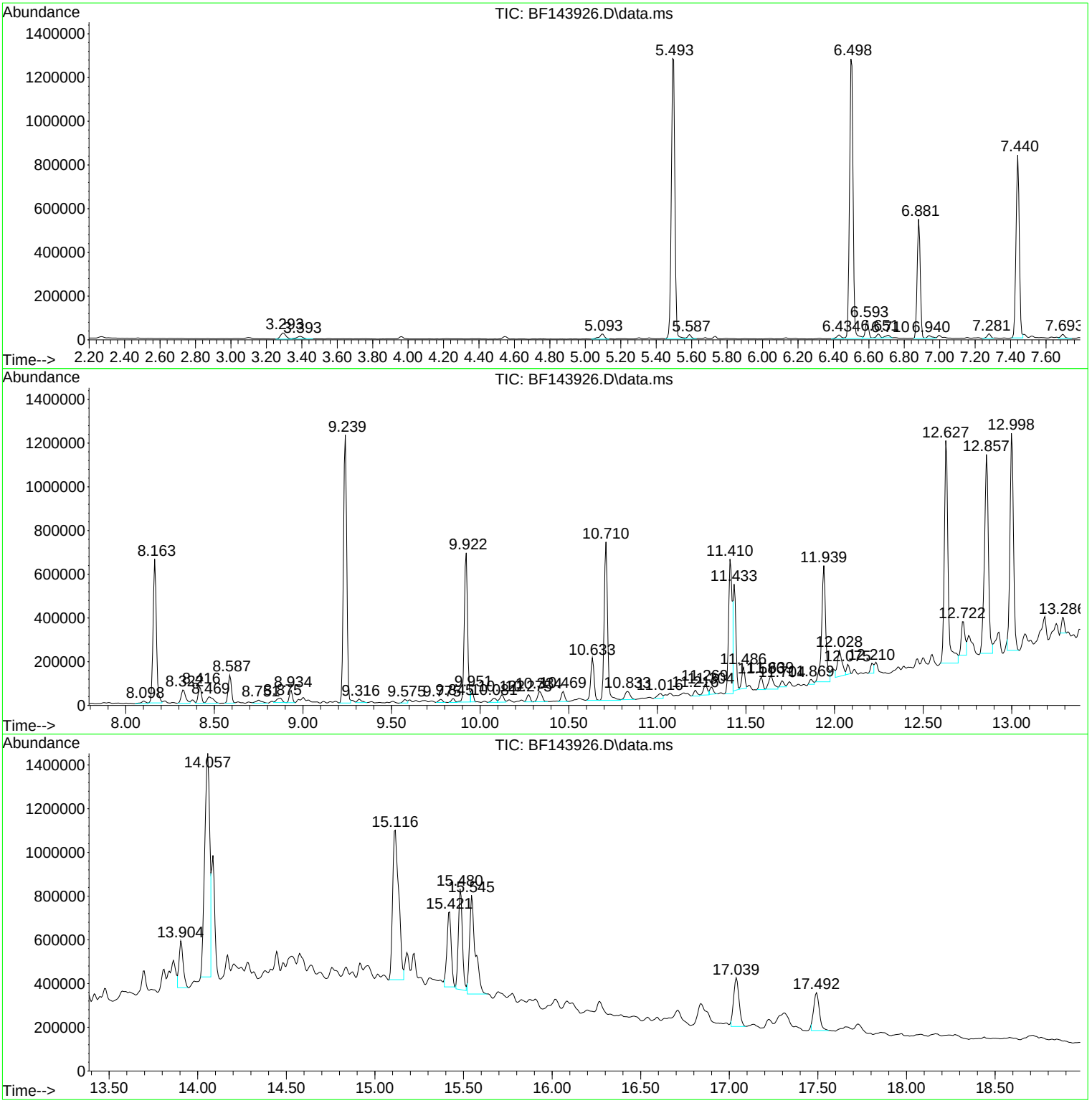
Sum of corrected areas: 26313404

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101025\
Data File : BF143926.D
Acq On : 10 Oct 2025 15:51
Operator : RC/JU
Sample : Q3321-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P001-DS-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.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\BF101025\
Data File : BF143926.D
Acq On : 10 Oct 2025 15:51
Operator : RC/JU
Sample : Q3321-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P001-DS-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

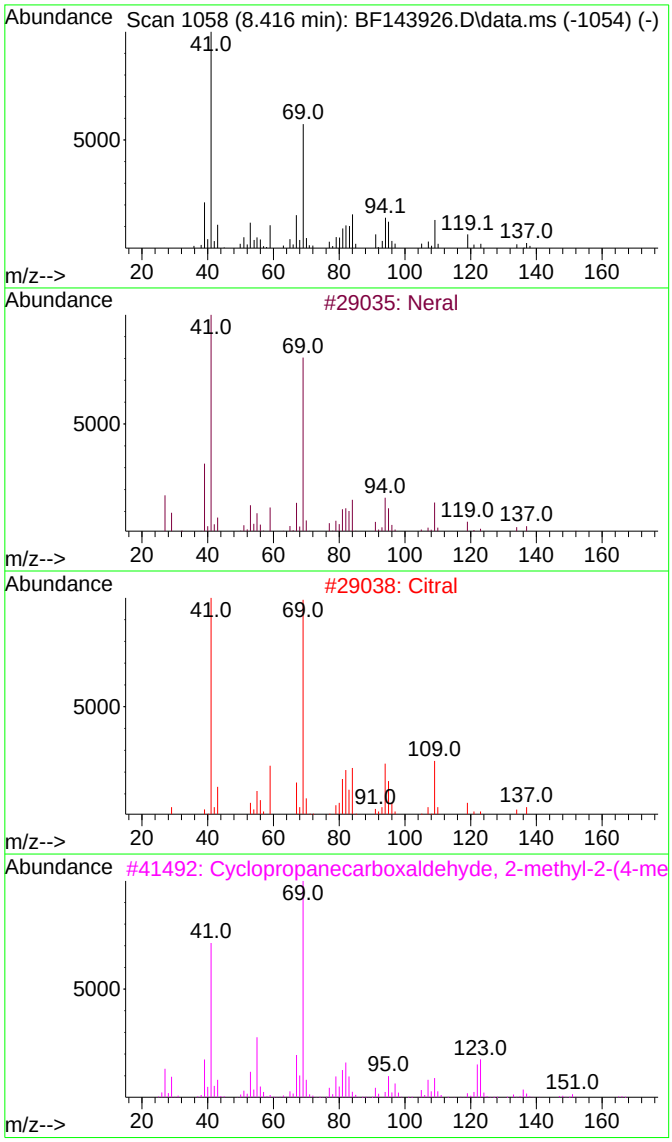
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

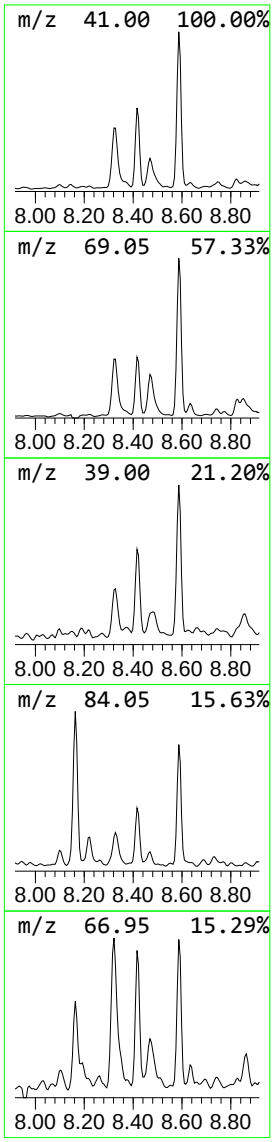
****

Peak Number 3 Neral Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.416	2.22 ng	94982	Naphthalene-d8	8.163

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Neral	152	C10H16O	000106-26-3	90
2	Citral	152	C10H16O	005392-40-5	86
3	Cyclopropanecarboxaldehyde, 2-me...	166	C11H18O	097231-35-1	32
4	Verbenol	152	C10H16O	000473-67-6	32
5	1,4-Heptadiene, 3,3,6-trimethyl-	138	C10H18	074498-89-8	32





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101025\
Data File : BF143926.D
Acq On : 10 Oct 2025 15:51
Operator : RC/JU
Sample : Q3321-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P001-DS-01

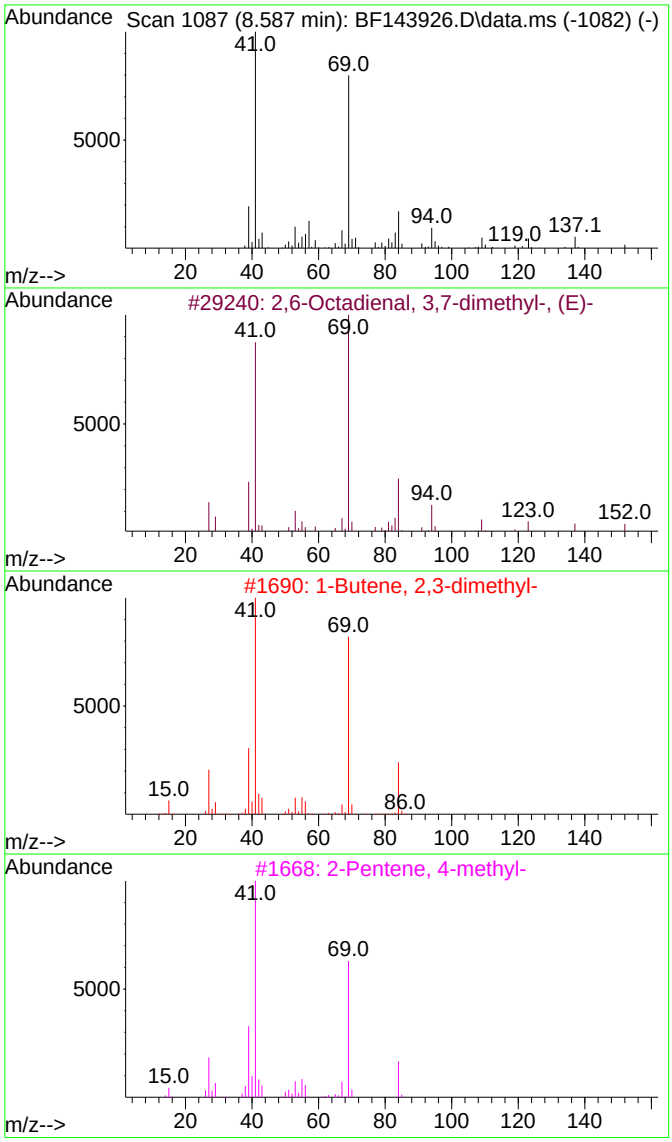
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

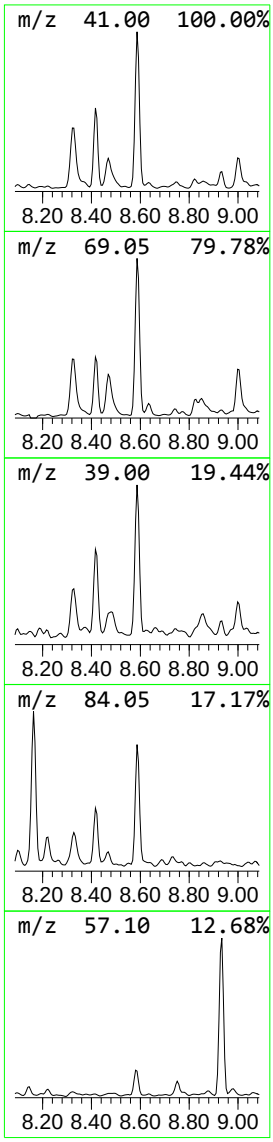
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 2,6-Octadienal, 3,7-dimethy... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.587	3.77 ng	161528	Naphthalene-d8	8.163

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6-Octadienal, 3,7-dimethyl-, (E)-	152	C10H16O	000141-27-5	87
2	1-Butene, 2,3-dimethyl-	84	C6H12	000563-78-0	64
3	2-Pentene, 4-methyl-	84	C6H12	004461-48-7	64
4	Cyclopropane, 1,1,2-trimethyl-	84	C6H12	004127-45-1	64
5	2-Pentene, 2-methyl-	84	C6H12	000625-27-4	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101025\
Data File : BF143926.D
Acq On : 10 Oct 2025 15:51
Operator : RC/JU
Sample : Q3321-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P001-DS-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.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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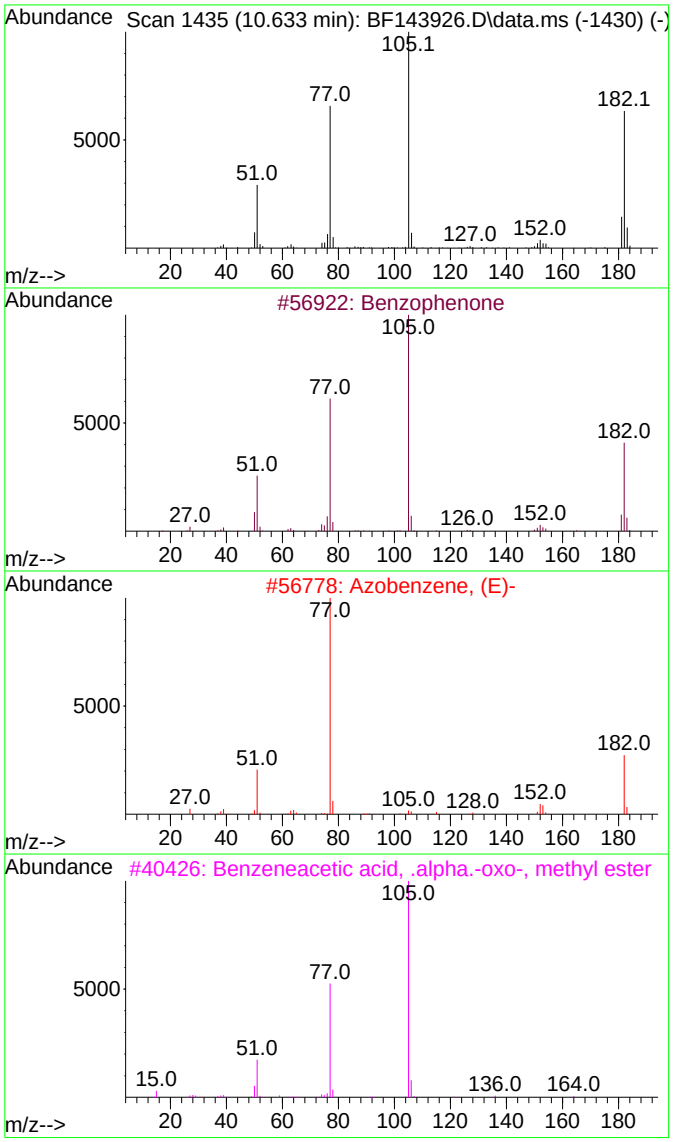
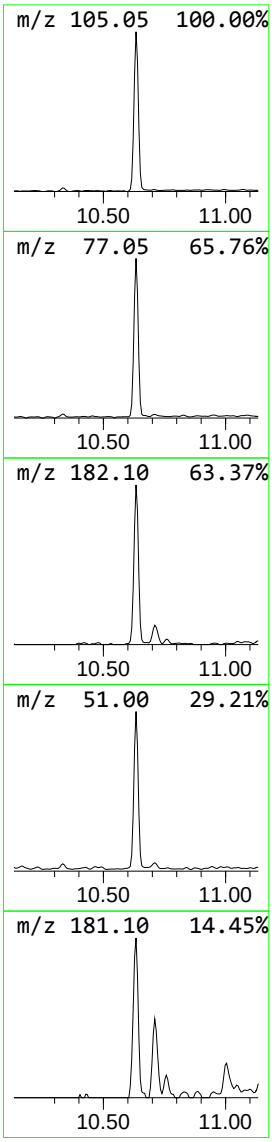
Peak Number 5 Benzophenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.634	5.55 ng	248447	Acenaphthene-d10	9.922

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Azobenzene, (E)-	182	C12H10N2	017082-12-1	53
3	Benzeneacetic acid, .alpha.-oxo-...	164	C9H8O3	015206-55-0	46
4	1-Propanone, 2-bromo-1-phenyl-	212	C9H9BrO	002114-00-3	43
5	Methyl benzilate	242	C15H14O3	000076-89-1	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101025\
Data File : BF143926.D
Acq On : 10 Oct 2025 15:51
Operator : RC/JU
Sample : Q3321-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P001-DS-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.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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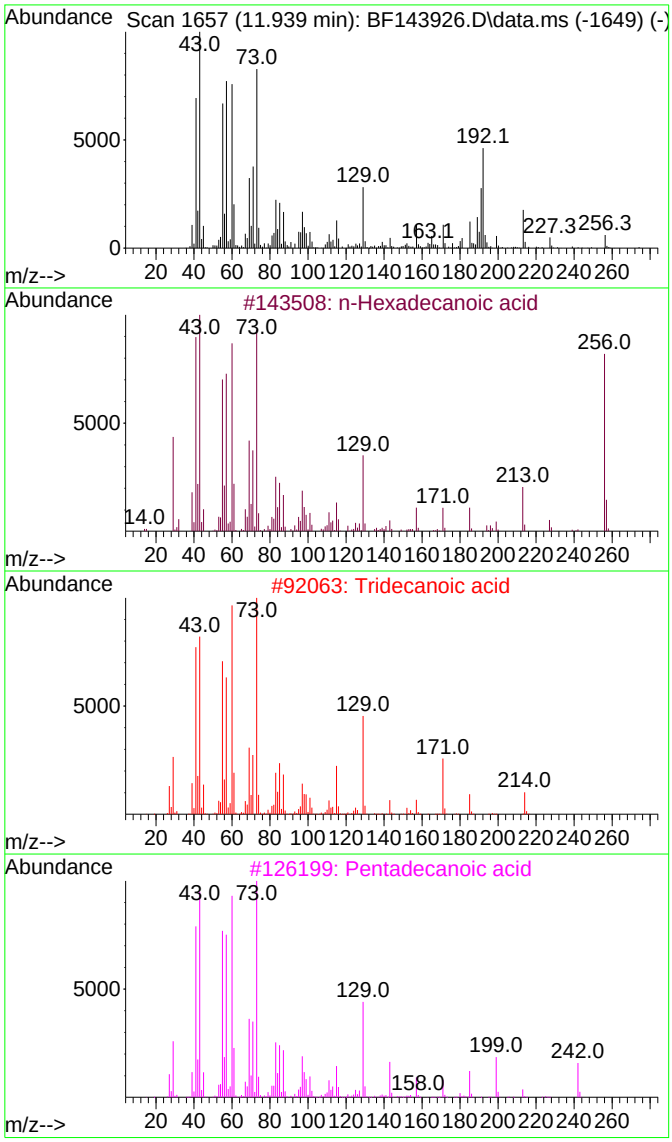
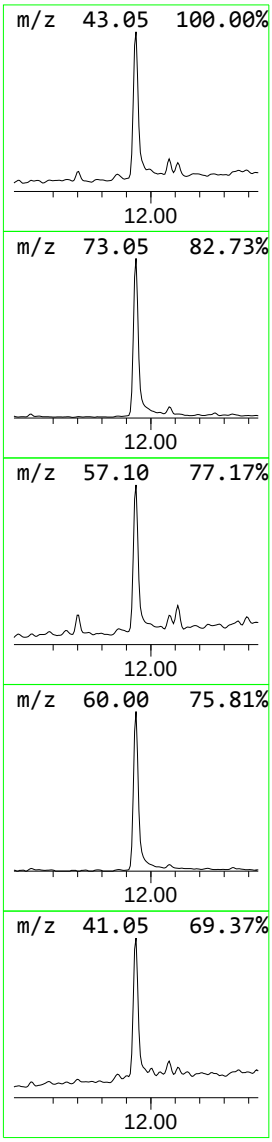
Peak Number 6 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.939	17.76 ng	847122	Phenanthrene-d10	11.410

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	90
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	64
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	50
5	Dodecanoic acid, 1-methylethyl e...	242	C15H30O2	010233-13-3	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101025\
Data File : BF143926.D
Acq On : 10 Oct 2025 15:51
Operator : RC/JU
Sample : Q3321-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P001-DS-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.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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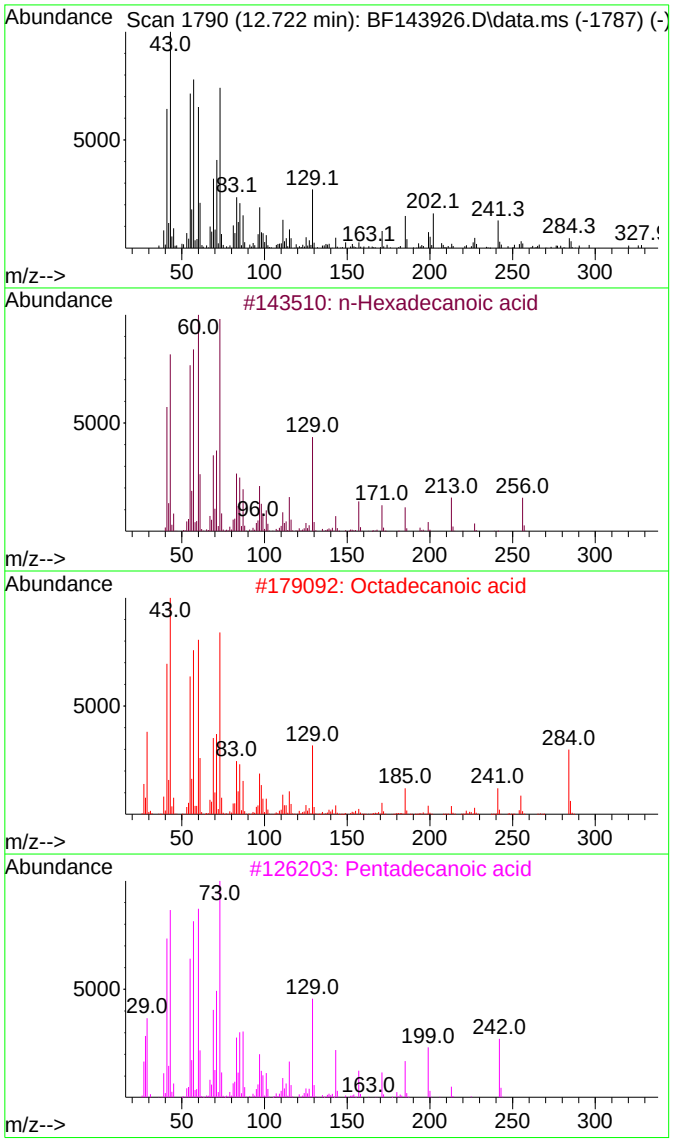
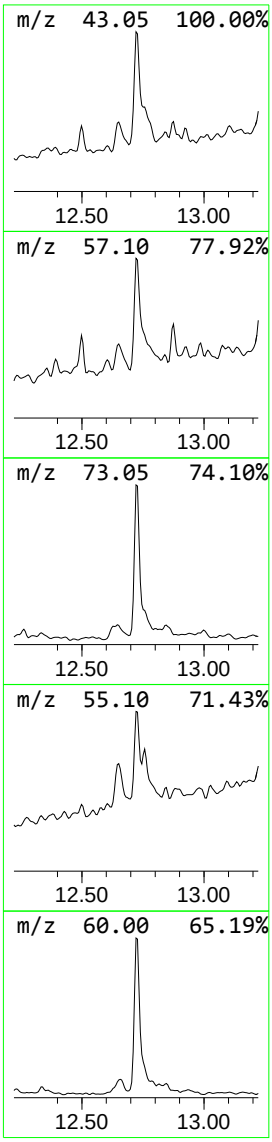
Peak Number 8 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.722	4.96 ng	236614	Phenanthrene-d10	11.410

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
2	Octadecanoic acid	284	C18H36O2	000057-11-4	87
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	83
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	58
5	Dodecanoic acid	200	C12H24O2	000143-07-7	49





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101025\
Data File : BF143926.D
Acq On : 10 Oct 2025 15:51
Operator : RC/JU
Sample : Q3321-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P001-DS-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.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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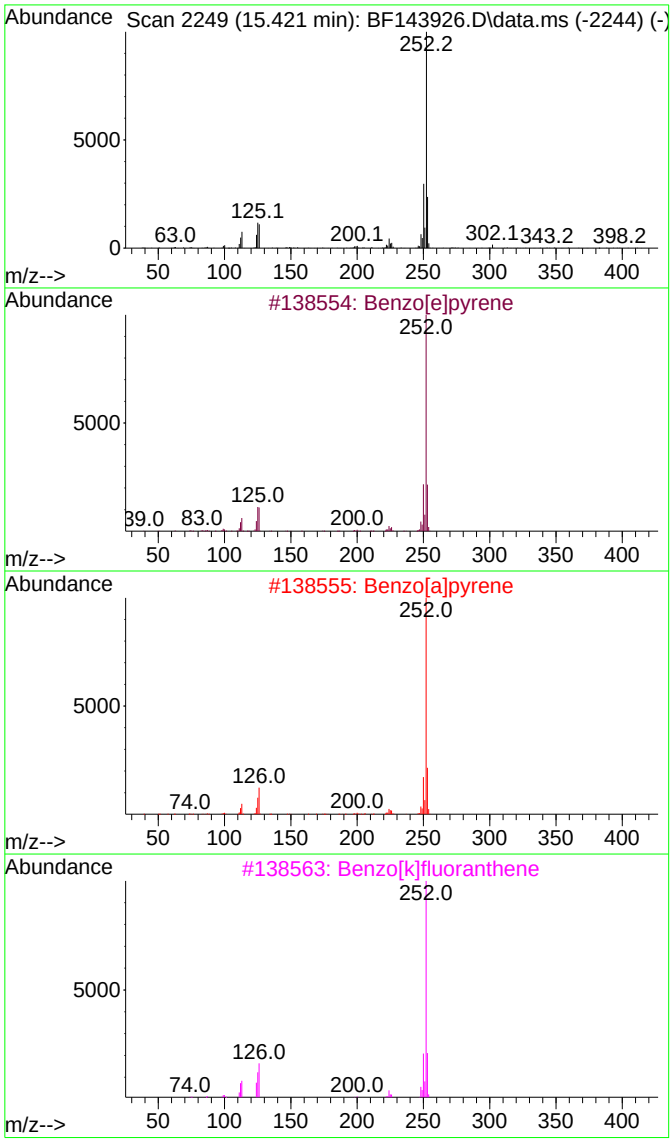
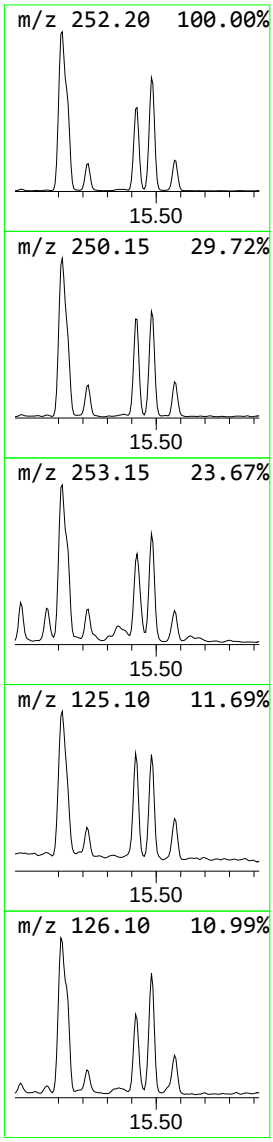
Peak Number 10 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.421	11.55 ng	576145	Perylene-d12	15.545

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[a]pyrene	252	C20H12	000050-32-8	97
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	95
5	Perylene	252	C20H12	000198-55-0	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101025\
Data File : BF143926.D
Acq On : 10 Oct 2025 15:51
Operator : RC/JU
Sample : Q3321-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P001-DS-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.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
Neral	8.416	2.2	ng	94982	2	8.163	857191	20.0
2,6-Octadienal,...	8.587	3.8	ng	161528	2	8.163	857191	20.0
Benzophenone	10.634	5.5	ng	248447	3	9.922	894837	20.0
n-Hexadecanoic ...	11.939	17.8	ng	847122	4	11.410	954134	20.0
Octadecanoic acid	12.722	5.0	ng	236614	4	11.410	954134	20.0
Benzo[e]pyrene	15.421	11.6	ng	576145	6	15.545	997888	20.0